

H008 0081

0001	FINPUT	IP		96		MFCU1			
0002	FINPUTT	ID		96		MFCU2			
0003	FOUTPUT	0		96	OV	PRINTER			
0004	E			ARR		100	3 0		
0005	IINPUTT	NS	02	1	C1		4		
0006	I	OR		1	C0				
0007	I						1	30	FIELD
0008	IINPUT	NS	01	1	C*		3		
0009	I						2	40	A
0010	C		START3		TAG				
0011	C		1		ADD F	F		30	
0012	C				READ INPUTT				
0013	C				MOVE FIELD	ARR, F			
0014	C		F		COMP 100				08
0015	C		N08		GOTO START3				
0016	C		START		TAG				
0017	C		1		ADD A	A		30	
0018	C		START1		TAG				
0019	C				SETOF				08
0020	C		1		ADD B	B		30	
0021	C		ARR, B		COMP A				0808
0022	C		08		GOTO START1				
0023	C		ARR, B		MULT ARR, B	U		150	
0024	C		A		MULT A	V		150	
0025	C		U		SUB V	D		150	
0026	C		ARR, B		MULT A	E		150	
0027	C		2		MULT E	X		150	
0028	C		U		ADD V	Y		150	
0029	C		X		DIV 4	Z		150	
0030	C				MVR	STORE		10	
0031	C		STORE		COMP 0				03
0032	C		N03		SETON			10	
0033	C		10		EXCPT				
0034	C		N03		GOTO TEST				
0035	C		START		TAG				
0036	C		03D		DIV 2	Z			
0037	C		03		MVR	STORE			
0038	C		03STORE		COMP 0				04
0039	C		N04		SETON			11	
0040	C		11		EXCPT				
0041	C		11		SETOF			11	
0042	C		N04		GOTO TEST				
0043	C		04Y		DIV 2	Z			
0044	C		04		MVR	STORE			
0045	C		04STORE		COMP 0				05
0046	C		N05		SETOF			11	
0047	C		11		EXCPT				
0048	C		11		SETOF			11	
0049	C		N05		GOTO TEST				
0050	C		05		SETON			10	

0051	C	05	EXCPT		
0052	C	10	SETOF		10
0053	C	TEST	TAG		
0054	C	B	COMP 100		06
0055	C	06	Z-ADD0	B	
0056	C	A	COMP 100		07
0057	C	07	GOTO END		
0058	C	06	GOTO START		
0059	C	N06	GOTO START1		
0060	C	END	TAG		
0061	0	OUTPUT H 2 01	1P		
0062	0	OR	0V		
0063	0			57	'PYTHAGOREAN TRIPLES'
0064	0	H 2	1P		
0065	0	OR	0V		
0066	0			10	'U'
0067	0			29	'V'
0068	0			47	'U2-V2'
0069	0			65	'2UV'
0070	0			84	'U2+V2'
0071	0			94	'TYPE'
0072	0	E 1	10		
0073	0		ARR, B 3	11	
0074	0		A 3	20	
0075	0		D 3	53	
0076	0		X 3	72	
0077	0		Y 3	89	
0078	0			95	'NPRM'
0079	0	E 1	11		
0080	0		ARR, B 3	11	
0081	0		A 3	20	
0082	0		D 3	53	
0083	0		X 3	72	
0084	0		Y 3	89	
0085	0			95	'PRIM'

DIAGNOSTICS

ERROR NO.	STMT. NO.
RG 221	*0027*
RG 352	*0035*
RG 305	02
	01
RG 314	Z

ERROR SEVERITY NOTE	TEXT
RG 221 W	RESULT FIELD LENGTH MAY NOT BE LARGE ENOUGH.
RG 305 W	INDICATOR ASSIGNED BUT NOT USED TO CONDITION OPERATIONS.
RG 314 W	FIELD, TABLE OR ARRAY NAME DEFINED BUT NEVER USED.
RG 352 T	NOT MORE THAN ONE TAG, BEGSR, OR ENDSR CAN HAVE THE SAME NAME.

[illegible]

NAME

TYPE

NUMERIC

NUMERIC

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LITERAL

CONSTANT

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CONSTANT CONSTANT

CONSTANT
EDIT CODE '3'

ADDRESS OF ASSIGNED INDICATOR

	1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH
0493	LR	L1	L2	L3	L4	L5	L6	L7
0494	L8	L9	02	01	1P			
0495	OV			08	03	10	04	11
0496	05	06	07					

STARTING ADDRESS OF RPGII ROUTINES

04C8 READ ONLY/BOTH HOPPERS MFCU IOCS
066F SINGLE CARRIAGE LINE PRINTER IOCS
078E ARRAY INDEX ROUTINE
0820 MULTIPLY ROUTINE
0880 DIVIDE ROUTINE
08E2 SET CALCULATIONS RESULTING INDICATORS ROUTINE
044F OBJECT TIME WORK AREA
0498 FIRST FILE PARAMETER BLOCK
0922 RPG CYCLE INITIALIZATION
0949 FILE PARAMETER BLOCK INITIALIZATION OBJECT CODE
0976 MATCH FIELD END-OF-FILE EXTRACTION
09A2 PRIMARY FILE GET ENTRY
0B4D ENTRY POINT TO 1P OUTPUT
0B7E ENTRY POINT TO PRE-OVERLAY OBJECT CODE
0CBF LAST CORE POSITION IN PRE-OVERLAY
0C51 ENTRY POINT TO EXCEPTION OUTPUT
0C74 HEADING AND DETAIL OUTPUT
0C7B ENTRY POINT TO TOTAL OUTPUT
0C81 OVERFLOW AND END OF JOB
0CA6 FILE SELECTION
0CEB DETAIL CALCS
0FA0 TOTAL CALCS
0FB3 LAST CORE POSITION IN POST-OVERLAY

04019 NUMBER OF BYTES IN OBJECT PROGRAM

END OF JOB