

Compucorp

PROGRAM GPA

BR PT	STEP	INSTR	CODE	REMARKS
0	0	SFLB	567	SET ALIGN INHIBIT FLAG
1	1	HALT	401	enter grade
2	2	SKF3	542	was [EXP] key pressed?
3	3	JUMP	627	NO
4	4	RCL6	461	
5	5	STRA	455	
6	6	RCLA	465	$\Sigma cr = \Sigma cr - old cr$
7	7	CSUB	767	
0	0	RCLA	475	
1	1	STRA	445	
2	2	RCL5	463	
3	3	STRA	455	
4	4	RCL4	464	$\Sigma GC = \Sigma GC - last GC$
5	5	CSUB	767	
6	6	RCLA	475	
7	7	STRA	444	
0	0	RCL3	472	
1	1	CHSM	404	$- G(Old) \rightarrow G(New)$
2	2	STRI	440	
3	3	RCL2	461	
4	4	CHSM	404	$- G(Old) \rightarrow G(New)$
5	5	STRI	441	
6	6	TO(4)	744	GO TO PRINT ROUTINE
7	7	SKFA	550	Was [=] Key pressed? ←
0	0	JUMP	644	NO
1	1	RCL5	464	
2	2	STRM	454	
3	3	RCL6	465	PRINT $\Sigma GC / \Sigma C$
4	4	CDIV	773	
5	5	PRTX	026	
6	6	RSET	024	RESET (RSET FLAG A IS PREFERABLE)
7	7	CLRE	423	LLRE

1 GRADE (G)
2 CREDIT (C) 5 Σ GRADE.CREDIT (EGC)
3 old grade (Gbb) 6 ECREDIT (EC)

NO.	PAGE	1	OF	2	DATE
2	0	STR5	444	Clear EGC	
1	1	STR6	445	clear SC	
2	2	RSII	512	Set BLANK for...	
3	3	TO(6)	746	PRINT ROUTINE	
4	4	STRI	440	STORE GRADE	
5	5	STR3	442	STORE GRADE	
6	6	CAP	761	•	
7	7	5	005	{ Set .5	
0	0	RCL6	476	Set]	
1	1	HALT	401	Enter Credit	
2	2	STRI	441	STORE CREDIT	
3	3	STRM	454	}	
4	4	RCL1	460	{ GC	
5	5	GMLT	772		
6	6	STR4	443	STORE GC	
7	7	RCL5	464	}	
0	0	CADD	766	{ $\Sigma GC = \Sigma GC + GC$	
1	1	RCLA	475		
2	2	STR5	444		
3	3	RCL2	461		
4	4	STRA	455		
5	5	RCL6	465		
6	6	CADD	766	{ $\Sigma C = \Sigma C + C$	
7	7	RCLA	475		
0	0	STR6	445		
1	1	TO(4)	744	PRINT ROUTINE	
2	2				
3	3				
4	4				
5	5				
6	6				
7	7				

Compucorp

GPA

PROGRAM

BR PT	STEP	INSTR	CODE	REMARKS
W	0	RLL1	460	
1	STRM	454		
2	CEXP	776		
3	0	000		
4	4	004		Position grade 5 spaces left of credit
5	CMLT	772		
6	RCL2	461		
7	CADD	766		
0	RCLA	475		
1	STRO	457		
2	ALIGN	775		Align to proper printing position
3	RSI1	512		
4	DCM	514		
5	RSI2	575		
6	INI2	577		
7	XFTE	517		
0	INI2	577		Blank out intervening spaces
1	XFTE	517		
2	INI2	577		
3	XFTE	517		
4	INI2	577		
5	VFIG	517		
6	STR6	451		Store in print buffer
7	SFL6	565		Turn on printer
0	RSF6	571		Turn off printer
1	CLRE	423		SET E to zero
2	SFS6	527		
3	SKFI	540		Delay until print is complete
4	TO(0)	740		
5	JUMP	632		
6				
7				

NO. _____ PAGE 2 OF 2 DATE _____

BR PT	STEP	INSTR	CODE	REMARKS
6	0	DCI1	514	
1	RSI2	575		
2	XFIE	517		Blank out E register
3	SKLO	534		
4	JUMP	624		
5	INI2	577		
6	JUMP	642		
7				
0				
1				
2				
3				
4				
5				
6				
7				
0				
1				
2				
3				
4				
5				
6				
7				

1. Set Decimal Wheel to 3
2. Turn on Machine
3. "N" switch down
4. "Print" switch up
5. Depress **TOL** **O**
6. Depress **LOAD**
7. Feed cards in order
8. Release **LOAD**
9. Depress **TOL** **O**
10. Depress **RESUME** Do Error ③

11. Enter Grade (0,1,2,3,4) **[see error # 1]**
00 000 0**0
12. Depress **RESUME**
13. Enter Credit **[see error # 2]**
00 **000 0**0
14. Depress **RESUME**
15. Go to STEP 11

NOTE IT IS EXTREMELY IMPORTANT NOT TO PRESS ANY KEY except 0-9, ., =, EXP, or **RESUME** while running this program. This includes **[CLRX]**. The results may be inaccurate if this is done. DO NOT press **[CLRX]**.

[see error # 4]

AFTER ALL GRADES AND CREDITS HAVE BEEN ENTERED, THE MACHINE SHOULD BE WAITING AT STEP 11 FOR ANOTHER GRADE. PRESS **=**, **RESUME**. THE PRINTER WILL PRINT THE GPA WITH AN X BY IT, AND THEN A BLANK LINE. THE MACHINE WILL THEN BE AT STEP 11 FOR THE NEXT GPA.

NOTE

IF NO VALUE IS ENTERED FOR STEP 13, .5 IS ASSUMED. A BLANK WILL REPLACE A grade OF ZERO.

ERRORS

- ① IF AN ERROR IS MADE ON STEP 13, PRESS **O**, **RESUME**. AND THE MACHINE IS WAITING AT STEP 11. REENTER THAT GRADE; YOU WILL BE AT STEP 11.
- ② IF ANY ERROR WAS MADE ON THE LAST ENTRY, AND THE MACHINE IS WAITING AT STEP 11, PRESS **EXP**, **RESUME**. THE RED INDICATES THAT THE LAST ENTRY WAS ERASED. THE MACHINE WILL BE AT STEP 11.
- ③ IF AN ERROR WAS MADE SEVERAL ENTRIES BACK, PRESS **I**, **RESUME**, **=**, **RESUME**. START OVER ON THAT GPA AT STEP 11.
- ④ IF A KEY OTHER THAN THOSE SPECIFIED ABOVE IS PRESSED, PRESS **[CLRX]**. THE MACHINE WILL BE AT STEP 11. REENTER THE CURRENT GRADE. IF AN IMPROPER KEY WAS PRESSED, AND THEN **RESUME** WAS PRESSED, FOLLOW DIRECTIONS OF ERROR # 3.

PROGRAM:

GPA

CARD 1 OF 3 No.

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CARD 2 OF 3 No.

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CARD 3 OF 3 No.

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