



TouchMetal Interface



Touch Metal program

fibonacci.txt

	.ORG 0	:000
000	LDI R0,13.	000 070 015
002	LDI R1,1	002 071 001
004	LDI R2,0	004 072 000
006	DEC R0	006 110
	LOOP:	
007	MOV R1,R4	007 027 014
009	ADD R2,R4	011 020 024
011	MOV R1,R2	013 027 012
013	MOV R4,R1	015 027 041
015	OUT R1	017 171
016	DEC R0	020 110
017	JNZ LOOP	021 006 007
019	HALT	023 002
	.END	

Calculate the Fibonacci numbers from rank 1 to 13 (1 to 15 in octal)

Display the numbers in octal:

1, 2, 3, 5, 10, 15, 25, 42, 67, 131, 220, 351