

```

LXI H,1100
MOV B,M
MVI C,00
INX H
MOV A,M
LOOP: CMP B
JC SKIP
SUB B
INR C
JMP LOOP
SKIP: STA 1102
MOV A,C
STA 1103
HLT

```

Data Stack KeyPad		
Start	1100	
Address (Hex)	Address	Data
044C	1100	4
044D	1101	2
044E	1102	2
044F	1103	0
0450	1104	0
0451	1105	0
0452	1106	0
0453	1107	0
0454	1108	0
0455	1109	0
0456	1110	0
0457	1111	0
Line No	Assembler Message	
0	Program assembled successfully	