

Memory View



0x

2000

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
200	40	00	04	00	00	00	00	00	00	00	00	00	00	00	00	00
201	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
202	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
203	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
204	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
205	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
206	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
207	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
208	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
209	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
20A	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
20B	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
20C	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
20D	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
20E	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
20F	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00

Start Address at: 0x 1100



main.asm

```
1 ;Program title> Anusuya pandey/1918256
2 jmp start
3
4 ;data
5
6 ;code
7
8 start: nop
9
10 lda 2000h
11 ani 0fh
12 sta 2001h
13 lda 2000h
14 ani 0fh
15 rrc
16 rrc
17 rrc
18 rrc
19 sta 2002h
20
21 hlt
```

```
;Program title> Anusuya pandey/1918256
jmp start
```

S ☐
P ☐
C ☐
AC ☐

```

15 rrc
16 rrc
17 rrc
18 rrc
19 sta 2002h
20
21 hlt

```

20A	00	00	00	00
20B	00	00	00	00
20C	00	00	00	00
20D	00	00	00	00
20E	00	00	00	00
20F	00	00	00	00

Start Address at: 0x **1100**

Assembler Output

```

1
2 C3 03 08 ;Program title> Anusuya pandey/1918256
3 jmp start
4
5 ;data
6
7 ;code
8
9 start: nop
10 3A 00 20 lda 2000h
11 E6 0f ani 0fh
12 32 01 20 sta 2001h
13 3A 00 20 lda 2000h
14 E6 f0 ani f0h
15 0F rrc

```

