



Task 2: Mov Displacement [Register 1], Register 2

Register 1:

\* Roll: 47

\* Sum of Roll:  $4 + 7 = 11$

\*  $11 \pmod{5} = 1$

Then Register 51

Register 2:

\* Roll: 47

\* Sum of Roll:  $4 + 7 = 11$

\*  $11 \pmod{5} = 1$

Then Register: AX

Displacement: 1247H

mov-1247H[0], ~~AX~~

1	0	0	0	1	0	0	1	1	0	0	1	1	0	1	1	0	1
mov																R/E	
0										mod		R/E					

0	1	0	0	0	0	1	1	0	0	0	0	1	0	1	1	1	0
BYTE-3																Byte 4	

Low

High

Task 3: mov register, [Displacement]

\* Roll: 47

\* Sum of my Roll:  $4+7=11$

$\therefore 11 \bmod 5 = 1$

Then register AX

\* Displacement 1247H

EX mov AX, [1247H]

