

1-1

```
Console
This is HW1-1:  $T(n) = 2T(n/2) + 8n + 5$ ,  $T(1) = 4$ 
Enter a number: 10
The result is: 291
```

1-2

```
Console
This is HW1-2:
Plaintext: i love ca
Ciphertext: l0ryh1fd
```

Registers	Memory	Cache			
Address	+3	+2	+1	+0	
0x0001020c	'\0'	'\0'	'\0'	'\0'	↑
0x00010208	'\0'	'\0'	'\0'	'd'	
0x00010204	'f'	'1'	'h'	'y'	
0x00010200	'r'	'o'	'0'	'l'	