

HW1-1

Console

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

HW1-2

Console

```
This is HW1-2:  
Plaintext:  i love ca  
Ciphertext: l0oryh1fd
```

Registers	Memory	Cache			
Address	+3	+2	+1	+0	
0x0001021c	'\0'	'\0'	'\0'	'\0'	
0x00010218	'\0'	'\0'	'\0'	'\0'	
0x00010214	'\0'	'\0'	'\0'	'\0'	
0x00010210	'\0'	'\0'	'\0'	'\0'	
0x0001020c	'\0'	'\0'	'\0'	'\0'	
0x00010208	'\0'	'\0'	'\r'	'd'	
0x00010204	'f'	'1'	'h'	'y'	
0x00010200	'r'	'o'	'0'	'l'	
0x000101fc	'\0'	'\0'	'\0'	'\0'	
0x000101f8	'\0'	'\0'	'\0'	'\0'	
0x000101f4	'\0'	'\0'	'\0'	'\0'	
0x000101f0	'\0'	'\0'	'\0'	'\0'	
0x000101ec	'\0'	'\0'	'\0'	'\0'	

text