

Computer Architecture HW1

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HW1-1 console

Console

This is HW1-1: $T(n) = 5T(n/2) + 6n + 4$, $T(1) = 2$
Enter a number: 10
The result is: 884

HW1-2 console

Console

This is HW1-2:
Enter shift: 5
Plaintext: hw good luck
Ciphertext: mb0ltti1qzhp

HW1-2 memory

RegistersMemoryCache

Address	+3	+2	+1	+0
0x00010210	'\0'	'\0'	'\0'	'\0'
0x0001020c	'\0'	'\0'	'\0'	'\0'
0x00010208	'p'	'h'	'z'	'q'
0x00010204	'i'	'i'	't'	't'
0x00010200	'l'	'0'	'b'	'm'
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'
0x000101e8	'\0'	'\0'	'\0'	'\0'

data