

# CA HW1 Report

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## 1 Result Screen Shot

### 1.1 Problem 1

```
Console
This is HW1-1:
T(n) = 2T(3n/4) + 0.875n - 137, n >= 10
T(n) = 2T(n-1), 1 <= n < 10
T(0) = 7
Enter a number: 11
The result is: 3456
```

### 1.2 Problem 2

```
Console
This is HW1_2:
Plaintext: ggy,ng,hpo
Ciphertext: TTL9AT8UCB

0x00010208    '\0' '\n' 'B' 'C'

0x00010204    'U'  '8'  'T'  'A'

0x00010200    '9'  'L'  'T'  'T'
```