

Thomas Crow
Assignment #7 Question 1
Output (Screenshots)

```
tbcrow@s1034076:~/Documents/ENMU/CS120/Assignments/Assignment #7
tbcrow@s1034076 ~/Documents/ENMU/CS120/Assignments/Assignment #7 python3.9 Thomas_Crow_Assignment7-1.py
Please enter a string of plaintext: New Mexico
Please enter the value of the key: 7

*****
***                                     ***
*** The original message: New Mexico   ***
***                                     ***
*****
***                                     ***
*** The provided key was: 7           ***
***                                     ***
*****
***                                     ***
*** The coded message is: Uld Tlepjv  ***
***                                     ***
*****
tbcrow@s1034076 ~/Documents/ENMU/CS120/Assignments/Assignment #7
```

```
tbcrow@s1034076:~/Documents/ENMU/CS120/Assignments/Assignment #7
tbcrow@s1034076 ~/Documents/ENMU/CS120/Assignments/Assignment #7 python3.9 Thomas_Crow_Assignment7-1.py
Please enter a string of plaintext: AAAA aaaa ZZZZ zzzz
Please enter the value of the key: 1

*****
***                                     ***
*** The original message: AAAA aaaa ZZZZ zzzz ***
***                                     ***
*****
***                                     ***
*** The provided key was: 1           ***
***                                     ***
*****
***                                     ***
*** The coded message is: BBBB bbbb AAAA aaaa ***
***                                     ***
*****
tbcrow@s1034076 ~/Documents/ENMU/CS120/Assignments/Assignment #7
```

```
tbcrow@s1034076:~/Documents/ENMU/CS120/Assignments/Assignment #7
tbcrow@s1034076 ~/Documents/ENMU/CS120/Assignments/Assignment #7 python3.9 Thomas_Crow_Assignment7-1.py
Please enter a string of plaintext: "In three words I can sum up everything I've learned about life: it goes on." -Robert Frost
Please enter the value of the key: 20000

*****
***                                     ***
*** The original message: "In three words I can sum up everything I've learned about life: it goes on." -Robert Frost ***
***                                     ***
*****
***                                     ***
*** The provided key was: 20000       ***
***                                     ***
*****
***                                     ***
*** The coded message is: 0t znxxk cuxjy 0 igt yas av kbkxeznotm 0bk rkgxtkj ghuaz rolk oz muky ut Xuhkxz Lxuyz ***
***                                     ***
*****
tbcrow@s1034076 ~/Documents/ENMU/CS120/Assignments/Assignment #7
```