

Test1 – shifted by a positive integer

```
C:\Python310\python.exe
Your original message is:
The quick brown fox jumps over the lazy dog.
Enter your encryption key: 19

Your encrypted message is:
g{x3%}|v~3u&#+ "3y#,3})!$'3#*x&3({x3 t.-3w#zA
Your decrypted message is:
The quick brown fox jumps over the lazy dog.

Let's see if we can find the encryption key based on the plaintext and ciphertext!

I determined your key to be: 19. Let's try using that to decrypt the ciphertext.
Your hacked message is:
The quick brown fox jumps over the lazy dog.
I was right! Your secrets aren't so safe after all.

Goodbye!
Press any key to continue . . .
```

Test2 – shifted by a negative integer

```
C:\Python310\python.exe
Your original message is:
The quick brown fox jumps over the lazy dog.
Enter your encryption key: -52

Your encrypted message is:
 41K=A5/7K.>;C:K2;DK6A9<?K;B1>K@41K8-FEK0;3Y
Your decrypted message is:
The quick brown fox jumps over the lazy dog.

Let's see if we can find the encryption key based on the plaintext and ciphertext!

I determined your key to be: -52. Let's try using that to decrypt the ciphertext.
Your hacked message is:
The quick brown fox jumps over the lazy dog.
I was right! Your secrets aren't so safe after all.

Goodbye!
Press any key to continue . . .
```