

Ans 5

shift = 3

text = "Attack from Worth"

encryption = ""

for

decryption = ""

def encrypt():

for c in text:

if c.isupper():

c_unicode = ord(c)

c_index = ord(c) - ord("A")

new_index = (c_index + shift) % 26

new_unicode = new_index + ord("A")

new_character = chr(new_unicode)

encryption = encryption +
new_character

else:

encryption += c

~~encryption~~

return encryption

```
def decrypt():
```

```
    for c in ciphertext:
```

```
        if c.isupper():
```

```
            c-unicode = ord(c)
```

```
            c-index = ord(c) - ord("A")
```

```
            new-index = (c-index - shift) % 26
```

```
            new-unicode = new-index +  
                           ord("A")
```

```
            new-character = chr(new-unicode)
```

```
plain-text = plain-text +
```

```
text = text + new-character
```

```
    else:
```

```
        plain-text += c
```

```
    return plain-text
```

```
print("Encrypt text:", encrypt())
```

```
print("Decrypt text:", decrypt())
```



```
if __name__ == "__main__":
```

```
    print("Encrypt text:", encrypt())
```

```
    print("Decrypt text:", decrypt())
```