

caesar.cipher

encrypt

```
def encrypt(text, s):  
    result = ""
```

```
    for i in range(len(text)):  
        char = text[i]
```

```
        if (char.isupper()):
```

```
            result += chr((ord(char) + s - 65) % 26 + 65)
```

```
        else:
```

```
            result += chr((ord(char) + s - 97) % 26 + 97)
```

```
    return result
```

```
text = "Attack from North"
```

```
s = 3
```

```
print "enter string"
```

```
print "after encryption:" + encrypt(text, s)
```

decrypt

```
def decrypt(string):
```

```
    result = ""
```

```
    for char in string
```

```
        if char == '':
```

```
            result = result + char
```

```
        elif char.isupper():
```

```
            result = result + chr((ord(char) - 3 - 65) % 26 + 65)
```

```
        else
```

```
            result = result + chr((ord(char) - 3 - 97) % 26 + 97)
```

```
    return result
```

```
text = input("enter cipher string:")
```

```
Print("cipher string:", text)
```

```
print("after decryption:", decrypt(text))
```