

⑤ for Encrypt:- Caesar Cypher

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

```
s = 3
```

```
print "enter string:" + text
```

```
print "original string:" + str(s)
```

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

Decrypt

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

```
    result = ""
```

```
    for char in string:
```

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

```
            result = result + char
```

```
        else if 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()
```

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

```
print("Cipher string:", text)
```

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