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Class - BCA 6B.

Subject - Information Security and Cyber Laws.

Q5. Write a program to implement encryption and decryption using caesar cipher.

Ans5. Objective- To understand the encryption and decryption using caesar cypher.

Encrypt

```
def encrypt(string):
cipher = ''
for char in string:
  if char == ' ':
cipher = cipher + char
elif char.isupper():
cipher = cipher + chr((ord(char)+3-65)%26+65)
else:
cipher = cipher + chr((ord(char)+3-97)%26+97)
  return cipher
  text = input("enter string:")
print("original string:", text)
print("after encryption:", encrypt(text))
```

~~cipher = cipher + char~~
~~elif char.isupper():~~
~~cipher = cipher + chr((ord(char)+3-65)%26+~~

Rishath.

Ans 5. Decrypt:

```
def decrypt(string):
plain= ''
for char in string:
  if char == ' ':
plain = plain + char
  elif char.isupper():
plain = plain+chr((ord(char)-3-65)%.26+65)
else:
plain = plain+chr((ord(char)-3-97)%.26+
                                    97)
return plain
text = input("enter cipher string:")
print("cipher string:", text)
  print("after decryption:", decrypt(text))
```

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