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Course: B.Sc (hons.) Computer Science, III Year, VI Semester

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Practical III: Information Security

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## **PRACTICAL 3**

```
def encrypt(text, key):
       encrypted text = ""
         for char in text:
         if ord(char) + key > 122:
          encrypted text += chr(ord(char) + key - 26)
        else:
          encrypted text += chr(ord(char) + key)
     print("Encrypted String is:", encrypted_text)
def decrypt(text, key):
decrypted text = ""
for char in text:
    if ord(char) - key < 97:
       decrypted text += chr(ord(char) - key + 26)
    else:
      decrypted text += chr(ord(char) - key)
   print("Key is:", key, "\nDecrypted String is:", decrypted text)
  if __name__ == "__main__":
  text = input("Enter String:\n")
 key = int(input("Enter Key:\n"))
   encrypt(text, key)
  decrypt(text, key)
  print("Attack starts:")
     for i in range(26):
     decrypt(text, i)
```

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