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BCA B
41

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Ans 1 - 3 security aspects of goggle account

i) Do a security check up
Go to security checkup to get personalized security recommendation for your google account including:

- Turn on 2-step Unification
- Turn on screen locks
- Update account recovery options.

ii) Update your software

If your browser operating system on apps are out of date the software might not be safe from your hackers

- Update your browser apps and operating system.

iii) Use Unique strong passwords
Its risky to use the same passwords on multiple sites. If password for one site is hacked it could be used to get into your accounts

- Manage your password.

Arora

Q4- Write a program to implement OTP

Objective - To generate a OTP (8digit

Source Code

⇒
```
import math, random
def OTP():
    x='0123456789'
    OTP=""
    for i in range(8):
        OTP += x[math.ceil[random.random()*10)]
    return OTP
if_name_=="_main_":
print["OTP of 8digits:", OTP()]
```

Sharon

5 → Implement Encryption and Decryption

⇒ Objective to understand the encryption and decryption using ceaser Ciphere

Enkypt

```
def encrypt (string):
  cipher = " "
 for char in string:
  if char = = ' ':
cipper= cipper + char
 elif char.isupper();
cipper = cipher + chr (lord(char) + 3 - 65) % 26
                                              +
                                              (5)
 else:
Cipher = cipher + chr (lord (chard) + 3 - 97) %. 26
                                              + 97)
return cipher
   text = input ("enter string:")
 print(" after encryption:", encrypt(text))
```

Aroma

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("often decryption:" decrypt(text))
```

Arora