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SUBJECT NAME - ~~CYBER~~ IT SEQURITY AND CYBER LAW

CODE - TISC-601

Ans-1 (A) Create a google account for signin.

STEP 2 ⇒ Click on Create Account and create your google account by filling necessary details.

STEP 3 ⇒ Create Password for your account.

STEP 4 ⇒ Account create sucessfully.

My email id is surajbhadola0001@gmail.com

(B) Change your Google account Password.

1. Open your google Account. You might need to sign in.
2. Under "Sequrity", select signing in to google.
3. Choose password. You might need to sign in again.
4. Enter your needw password, then sceled change Password.

Few things to remember before changing the current password.
Password should be unique.
Password should have special character.

(C) Check google Privacy policies.

You can take a privacy checkup and choose the setting that are right for you -

Automatically delete Web & App activity
Automatically delete Location History.
Automatically delete Youtube History

Ans-2 (A) Safe Browsing

Safe browing protects you & your device from dangerous sites.

STEP 1 -: Open Google Chrome.

STEP 2 -: Go to the setting

STEP 3 : Now, Click on show advanced setting.

STEP 4 : Check "Protect you and your devices from dangerous sites.

(B) Use a web service to help resolve spelling errors

STEP 1: Open Google chrome.

STEP 2: Go to the settings.

STEP 3: Now, Click on show Advanced setting.

STEP 4: Now On/off the spelling check option.

8(C) Check and use of "Do Not Track" request with your browsing traffic.

STEP 1: Open Google chrome.

STEP 2: Go to the settings.

STEP 3: Now, click on show Advanced setting.

STEP 4: Now, you can On/off this service if you want.

Ans- 3

```
def cipherText(string, key):
    cipher_text = []
    for i in range(len(string)):
        x = (ord(string[i]) +
             ord(key[i])) % 26
        x += ord('A')
        cipher_text.append(chr(x))
    return("".join(cipher_text))

def originalText(cipher
if __name__ == "__main__":
    string = "Cryptography"
    key = "Monarchy"
    cipher_text = cipherText(string, key)
    print("original/ Decypte Text:",
          originalText(cipher_text, key))
```

Ans-4

```
import random
def generateOTP(length):
str = "abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890";
n = len(str);
OTP = "";
for i in range(1, length+1):
    OTP += str[int(random.random()*
            10)%n];
    return(OTP);
if __name__ == "__main__":
    length = 6;
    print("Your OTP is -" generateOTP);
```

Ans-5 Encryption

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

Decryption

```
def decrypt( string, shift):
    cipher = ''
    for char in string:
    if char = ' ':
    cipher = cipher - char
    elif char.isupper()
cipher = cipher + chr((ord(char) - shift +
            65)% 26 - 65)
    else:
      cipher = cipher + chr((ord(char) -
            + shift + 97)% 26 - 97)
    return cipher
text = input("enter strings:")
    s = int(input("enter shift number"));
    print(" original strings ", text)
    printf(" after decryption ". decrypt(
                text, s));
```