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MCQs

① Asymmetric key encryption with sender public key

② Spyware

③ An authentication of an electronic record

④ Cyber security

⑤ Only on ASCII coded data

⑥ All

⑦ hash value

⑧ The identity of the character is changed while its position remains unchanged

⑨ to make even no. of letters

⑩ Total length of word.

Q→

A google account is the key to accessing all of Google's products & services, many of which are free.

(A) Creating And Changing Account Password

   ① Open your google account. You might need to sign in

   ② Under security, select signing in to google

   ③ Choose Password. (Need to sign in again)

   ④ Enter new password & select change password

* Password should be unique

* Password should have special characters

* Should not be an old password already in use.

(B) Controlling what others see about my Google Account accross Google Services.

   ① Goto google Account

   ② On the left, click personal info

   ③ Choose "what others can see button & click about me.

④ change your info
→ Add :→ You can add info
→ Edit

* If you've changed name recently, you might need to wait before you change it again

→ Remove :- If you wish to remove then remove button is there.

⑤ To make the info private, click only you button else click anyone.

③ Check Privacy Policies
→ Automatically delete Web & App Activity
→ Automatically delete Location History
→ Automatically delete YouTube History
→ make a Plan for your account
→ Review setting for face grouping
→ Check third Party Access
→ Review your add settings

Caesar Cipher

```python
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)

        elif (char == " "):
            result = result + ' '

        else
            result += chr((ord(char) + s - 97)
                                          % 26 + 97)

    return result

s = 3
text = "Attack from North"
print (" Encrypted Text: " + encrypt (text,s))
print ("Decrypted Text:" + encrypt (encrypt (
                            text,s), 26 - s))
```

Vigenere Cipher

```python
def generatekey (string, key):
    key = list (key)
    if len(string) == len(key):
        return(key)
    else:
        for i in range (len(string) - len(key)):
            key.append(key [i % len(key)])

        return ("".join(key))


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))
```

```python
def originalText (cipher_text, key):
    orig-text = [ ]
    for i in range (len(cipher_text)):
        x = (ord (cipher-text[i]) -
                ord (key[i]) + 26) % 26
        x += ord ('A')
        orig-text.append (chr (x))
    return ("" . join (orig-text))


if __name__ == "__main__":
    string = "Cryptography"
    keyword = "Monarchy"
    key = generate key (string, keyword)
    cipher-text = cipherText (string, key)
    print ("Ciphertext: ", cipher-text)
    print ("Decrypted : ", original Text (cipher-
                                    text, key))
```