

MCC

1. Public key of sender and private key of receiver
2. Signature
3. An authentication of an electronic record
4. None
5. Only on alphabets
6. Idea is same content is different
7. hash value
8. The identity of the character is changed while its position remains unchanged
9. both a and c
10. Possibility of replacements.

Handwritten

1. Built in security

Your google account automatically protects your personal information and keeps it private and safe. Every account comes with powerful features like spam filters that block 99.9% of dangerous email before they reach you, and personalized security notifications that alert you out by suspicious activity and malicious websites.

2. Security Checkup

The simple tool gives up personalized recommendation to help keep our account secure.

It helps to remove unused access to your data. This include apps, connected devices, account permissions and other things. The checkup page will also give us an overall health of our account by green checkmark or yellow or red exclamation point, based on how many items need to be taken care of.

3. Password Manager:

Over google account comes with a built in password manager that securely saves our passwords in a central place only we can access.

When we revisit a site with a stored password, google password manager will automatically fill in the password details. This way we don't need to keep a track of different passwords when we use across the internet.

Aptell Ramet

4 import math, random

def generateOTP():

digits = "0123456789"

OTP = ""

for i in range(4):

OTP += digits[math.floor(random.random()
* 10)]

return OTP

if __name__ == "__main__":

print("OTP of 4 digits: ", generateOTP())

Vitesh Kumar

⑤ def encrypt()

cipher = ''

string = 'Attack from North'

for char in string:

if char == ' ':

cipher = cipher + char

elif char.isupper():

cipher = cipher + chr((ord(char) + 3 - 97) % 26 + 97)

return cipher

print("Original string", string)

print("After encryption", encrypt())

Nitesh Kumar


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5 def encrypt()
    cipher = ""
    string = "A Hawk from North"
    for char in string:
        def encrypt()
            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

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print("Original string", string)
print("After encryption", encrypt())
str = cipher
def decrypt():
    plain = ""
    for char in string:
        if char == " ":
            plain = plain + char
        elif char.isupper():

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Nitesh Kumar

plain = plain + chr((ord(clear) - 3 - 65) % 26 + 65)

else
plain = plain + chr((ord(clear) - 3 - 97) % 26 + 97)

return plain

print ("cipher string", str)

print ("after decryption", decrypt)

Akshu Kumar