**OTP Generation:**

# import library import math, random

# function to generate OTP def generateOTP() :

# Declare a digits variable # which stores all digits digits = "0123456789" OTP = ""

# length of password can be changed # by changing value in range

for i in range(4) :

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

return OTP

# Driver code

if name == " main " :

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

**OTP Verification**:

import os import math import random import smtplib

digits = "0123456789" OTP = ""

for i in range (6):

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

otp = OTP + " is your OTP" message = otp

s = smtplib.SMTP('smtp.gmail.com', 587) s.starttls()

emailid = input("Enter your email: ") s.login("YOUR Gmail ID", "YOUR APP PASSWORD")

s.sendmail('&&&&&&',emailid,message)

a = input("Enter your OTP >>: ") if a == OTP:

print("Verified") else:

print("Please Check your OTP again")