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import random

def generatePassword(pwlength):

    alphabet = "abcdefghijklmnopqrstuvwxyz"

    passwords = []

    for i in pwlength:

        password = ""
        for j in range(i):
            next_letter_index = random.randrange(len(alphabet))
            password = password + alphabet[next_letter_index]

        password = replaceWithNumber(password)
        password = replaceWithUppercaseLetter(password)

        passwords.append(password)

    return passwords

def replaceWithNumber(pword):
    for i in range(random.randrange(1,3)):
        replace_index = random.randrange(len(pword)//2)
        pword = pword[0:replace_index] + str(random.randrange(10)) + pword[replace_index+1:]
    return pword

def replaceWithUppercaseLetter(pword):
    for i in range(random.randrange(1,3)):
        replace_index = random.randrange(len(pword)//2, len(pword))
        pword = pword[0:replace_index] + pword[replace_index].upper() + pword[replace_index+1:]
    return pword

def main():

    numPasswords = int(input("How many passwords do you want to generate? "))

    print("Generating " +str(numPasswords)+" passwords")

    passwordLengths = []

    print("Minimum length of password should be 3")

    for i in range(numPasswords):
        length = int(input("Enter the length of Password #" + str(i+1) + " "))
        if length<3:
            length = 3
        passwordLengths.append(length)

    Password = generatePassword(passwordLengths)

    for i in range(numPasswords):
        print ("Password #" +str(i+1)+ " = " + Password[i])

main()

```