```
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()
```