

```
import string
import random
length = int(input("Enter password length: "))

print('''Choose character set for password from these :
      1. Letters
      2. Digits
      3. Special characters
      4. Exit''')

characterList = ""

while(True):
    choice = int(input("Pick a number "))
    if(choice == 1):

        characterList += string.ascii_letters
    elif(choice == 2):

        characterList += string.digits
    elif(choice == 3):
        characterList += string.punctuation
    elif(choice == 4):
        break
    else:
        print("Please pick a valid option!")

password = []

for i in range(length):
    randomchar = random.choice(characterList)
    password.append(randomchar)
print("The random password is " + "".join(password))
```