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[ ]: # A password generator is a useful tool that generates strong and random passwords for users.  
# |This project aims to create a password generator application using python, allowing users to specify the length and complex
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[22]: import random
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[23]: length = int(input("Enter length: "))
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chars = string.ascii_letters  
chars += string.digits  
chars += string.punctuation
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```
password = ""
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```
for i in range(length):  
    password += random.choice(chars)
```

```
print("Your random passsword is:", password)
```

```
Enter length: 8
```

```
Your random passsword is: D[!8&I_'
```