

```
import random

length = int(input("Enter desired password length: "))

lowercase = "abcdefghijklmnopqrstuvwxyz"
uppercase = "ABCDEFGHIJKLMNOPQRSTUVWXYZ"
numbers = "0123456789"
symbols = "!@#$%^&*()_+"

all_chars = lowercase + uppercase + numbers + symbols

password = "".join(random.sample(all_chars, length))

print("Generated Password:", password)
```

↻ Enter desired password length: 5  
Generated Password: V014A