

Home x Untitled16 x PYTHON PROGRAMMING - JOI x +

localhost:8888/notebooks/PYTHON%20PROGRAMMING%20-%20JOB%20SIMULATION%20SPRINT%201.ipynb

jupyter PYTHON PROGRAMMING - JOB SIMULATION SPRINT 1 Last Checkpoint: 2 minutes ago

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JupyterLab Python 3 (ipykernel)

```
[4]:
import random
import string
def get_password_length():
    while True:
        try:
            length = int(input("Enter the desired password length (minimum 6, maximum 128): "))
            if 6 <= length <= 128:
                return length
            elif length > 128:
                print("Password length is too long! Please choose a length between 6 and 128.")
            else:
                print("Password length should be at least 6 characters. Please try again.")
        except ValueError:
            print("Invalid input. Please enter a valid number.")
def generate_password(length):
    letters = string.ascii_letters
    digits = string.digits
    symbols = string.punctuation

    password = random.choice(letters) + random.choice(digits)

    all_characters = letters + digits + symbols
    for _ in range(length - 2):
        password += random.choice(all_characters)

    password_list = list(password)
```

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JupyterLab Python 3 (ipykernel)

```
for _ in range(length - 2):
    password += random.choice(all_characters)

password_list = list(password)
random.shuffle(password_list)

return ''.join(password_list)

def main():
    print("👋 Welcome to the Python Password Generator!")
    length = get_password_length()
    password = generate_password(length)
    print(f"✅ Your secure password is: {password}")
if __name__ == "__main__":
    main()
```

Full screen (img)

👋 Welcome to the Python Password Generator!
Enter the desired password length (minimum 6, maximum 128): 454556
❌ Password length is too long! Please choose a length between 6 and 128.
Enter the desired password length (minimum 6, maximum 128): 12
✅ Your secure password is: 5nK|kCxg\7PC

[]:

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