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import random
import string

def generate_password(length):
    characters = string.ascii_letters + string.digits +
string.punctuation
    password = ''.join(random.choice(characters) for _ in
range(length))
    return password

def main():
    print("Password Generator")

    while True:
        try:
            length = int(input("Enter the desired length of the password:
"))
            if length <= 0:
                print("Please enter a positive integer.")
                continue
        except ValueError:
            print("Invalid input. Please enter an integer.")
            continue

    password = generate_password(length)
    print(f"Generated Password: {password}")
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    choice = input("Do you want to generate another password?  
(yes/no): ").lower()
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    if choice != 'yes':
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        print("Exiting the password generator. Goodbye!")
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        break
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if __name__ == "__main__":
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    main()
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