**Task 3 description**

The program allows users to specify the desired length of the password, and it uses a combination of random characters (letters, digits, and special symbols) to generate a password of the specified length.

In this example, the user requested a 12-character password, and the program generated a password consisting of random letters, numbers, and special characters.

**Key Features:**

1. **Password Complexity:** The password is generated using a mix of uppercase and lowercase letters, digits, and special symbols, ensuring a strong and complex password.
2. **Customizable Length:** The user can specify the desired length of the password.
3. **User Input Validation:** The program ensures the user enters a valid length for the password and handles non-integer inputs gracefully.
4. **Security:** The program generates a random password, making it unpredictable and secure.