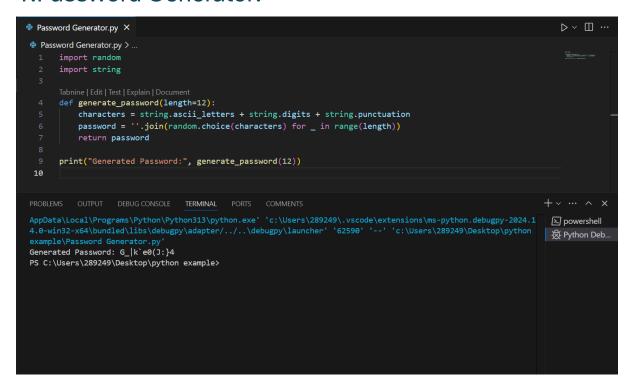
Python projects:

1. Password Generator:



2. To-Do List (CLI):

```
To-Do List (CLI).py X
      tasks = []
         print("\n1. Add Task\n2. View Tasks\n3. Remove Task\n4. Exit")
          choice = input("Enter choice: ")
             task = input("Enter task: ")
              tasks.append(task)
              print("Task added!")
             print("\nTo-Do List:")
              for idx, task in enumerate(tasks, 1):
                print(f"{idx}. {task}")
          elif choice == "3":
             task_num = int(input("Enter task number to remove: "))
              if 0 < task_num <= len(tasks):</pre>
                 tasks.pop(task_num - 1)
                 print("Task removed!")
          elif choice == "4":
              break
              print("Invalid choice. Try again.")
```

Output:

```
☆ Python Deb...

4. Exit
Enter choice: 1
Enter task: gym,swimming
Task added!
                                                                                                                        1. Add Task
2. View Tasks
3. Remove Task
4. Exit
Enter choice: 2
To-Do List:
1. gym, swimming
1. Add Task
2. View Tasks
3. Remove Task
4. Exit
Enter choice: 3
Enter task number to remove: 1
Task removed!
1. Add Task
2. View Tasks
3. Remove Task
4. Exit
Enter choice: 4
PS C:\Users\289249\Desktop\python example>
```

3. Weather App (API-based):

```
OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS
                                                                                                ∑ Python + ∨ □ □ ··· ^ ×
Enter city name: chennai
City: Chennai
Temperature: 27.14°C
Enter city name: chennai
City: Chennai
Temperature: 27.14°C
City: Chennai
Temperature: 27.14°C
Weather: clear sky
PS C:\Users\289249\Desktop\python example>
                                       > & C:/Users/289249/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/289249
Enter city name: london
City: London
Temperature: 2.82°C
Weather: overcast clouds
PS C:\Users\289249\Desktop\python example>
```

4. Number Guessing Game:

```
Number Guessing Game.py X

Number Guessing Game.py > ...

import random

number = random.randint(1, 100)

while True:

guess = int(input("Guess the number (1-100): "))

if guess < number:
 print("Too low! Try again.")
elif guess > number:
 print("Too high! Try again.")
else:
 print("Congratulations! You guessed it right.")
break
```

Output:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS
                                                                                                                                        \Sigma Python + \vee \square \square \square \cdots \vee \times
PS C:\Users\289249\Desktop\python example> & C:/Users/289249/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/289249
Guess the number (1-100): 77
Too high! Try again.
Guess the number (1-100): 50 Guess the number (1-100): 50
Too low! Try again.
Guess the number (1-100): 22
Too low! Try again.
Guess the number (1-100): 3
Too low! Try again.
Guess the number (1-100): 9
Too low! Try again.
Guess the number (1-100): 9
Guess the number (1-100): 9
Too low! Try again.
Guess the number (1-100): 99
Too high! Try again.
Guess the number (1-100): 67
Guess the number (1-100): 99
Too high! Try again.
Guess the number (1-100): 99
Guess the number (1-100): 99
Guess the number (1-100): 99
Too high! Try again.
Guess the number (1-100): 99
Too high! Try again.
Guess the number (1-100): 67
Congratulations! You guessed it right.
PS C:\Users\289249\Desktop\python example>
```

5. QR Code Generator:

Output:



