Python mini projects

Password Generator

To-do List (CLI)

```
갂
main.py
                                                     ∝ Share
                                                                  Run
                                                                            Output
       print("\n1. Add Task\n2. View Tasks\n3. Remove Task\n4.
                                                                           1. Add Task
           Exit")
                                                                           2. View Tasks
        choice = input("Enter choice: ")
4
                                                                           3. Remove Task
5
        if choice == "1":
                                                                           4. Exit
6
           task = input("Enter task: ")
                                                                           Enter choice: 1
           tasks.append(task)
                                                                           Enter task: Assessment at 1pm
8
                                                                           Task added!
        elif choice == "2":
           print("\nTo-Do List:")
10
                                                                           1. Add Task
            for idx, task in enumerate(tasks, 1):
                                                                           2. View Tasks
12
                print(f"{idx}. {task}")
                                                                           3. Remove Task
        elif choice == "3":
13
                                                                           4. Exit
14
            task_num = int(input("Enter task number to remove: "))
                                                                          Enter choice: 2
15
            if 0 < task_num <= len(tasks):</pre>
16
               tasks.pop(task_num - 1)
                                                                           To-Do List:
                print("Task removed!")
                                                                           1. Assessment at 1pm
18
       elif choice == "4":
19
           break
                                                                           1. Add Task
20
                                                                           2. View Tasks
21
            print("Invalid choice. Try again.")
                                                                           3. Remove Task
22
```

Python mini projects

Weather App (API-based)

Number Guessing Game

```
main.py
      import random
   3 number = random.randint(1, 100)
   5 while True:
          guess = int(input("Guess the number (1-100): "))
          if guess < number:</pre>
              print("Too low! Try again.")
          elif guess > number:
  10
              print("Too high! Try again.")
  11 -
          else:
  12
              print("Congratulations! You guessed it right.")
  13
<u>∨ √ ₽ $ 9</u>
                                                           input
Guess the number (1-100): 4
Congratulations! You guessed it right.
...Program finished with exit code 0
Press ENTER to exit console.
```

Python mini projects

QR CODE GENERATOR



