**Python Projects**

**Number Guessing Game** in Python is a simple interactive program where the user tries to guess a randomly generated number within a specified range. The game provides feedback on whether the guess is too high, too low, or correct.

### **Basic Features:**

* The selects a number within a given range (e.g., 1 to 100).
* The player enters the number of guesses,
* The game provides hints (higher or lower) after each incorrect guess.
* The game continues until the player guesses correctly or until the attempts run out.
* The total number of attempts is displayed at the end.

**Rock, Paper, Scissors** game in Python is a simple program that simulates the classic hand game between a player and the computer. The program typically follows these steps:

### **Basic Features:**

1. User Input: The player selects "rock," "paper," or "scissors."
2. Computer Choice: The computer randomly selects one of the three options.
3. Comparison & Rules: The game logic determines the winner:

* Rock beats Scissors
* Scissors beat Paper
* Paper beats Rock
* If both choose the same, it's a tie.

**To-Do List** Python project using functions:

### **How it Works:**

1. The program starts with an **empty list**.
2. The **menu** allows users to:
   * View tasks
   * Add tasks
   * Remove tasks
   * Exit
3. The functions handle the respective operations.
4. The main() function keeps the program running until the user chooses to exit.