

The screenshot shows the Visual Studio Code (VS Code) interface. The left sidebar displays the file structure of a project named 'AYUSH'. The main editor area shows the content of 'main.py', which is a Python script for a number guessing game. The terminal at the bottom shows the output of a 'git status' command, indicating there are untracked files. The status bar at the bottom right shows the file is a Python file (Python 3.13.7), and there are 0 errors and 0 warnings.

```
main.py U X 01.png U
main.py > ...
1 """
2 Number Guessing Game
3 -----
4
5 A fun, interactive console-based number guessing game built with Python.
6
7 This game generates a random number between 1 and 100, and the player
8 attempts to guess it. After each guess, the game provides hints indicating
9 whether the guess was too high or too low.
10
11 Course: ETCCCP105 - Computer Science Fundamentals & Career Pathways
12 Assignment: 04 - Build & Document a Mini Project Using GitHub and VS Code
13 Institution: K.R. Mangalam University, School of Engineering & Technology
14 Program: B.Tech CSE (Specialization in AI & Robotics)
15 Faculty: Prof. Rajesh Kumar
16
17 Author: [Your Name]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
ayushsaini@ayushs-MacBook-Air Ayush % git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore
    README.md
    Screenshots/
    docs/
    main.py

nothing added to commit but untracked files present (use "git add" to track)
ayushsaini@ayushs-MacBook-Air Ayush %
```

Ln 1, Col 1 Spaces: 4 UTF-8 LF {} Python 3.13.7 Go Live Prettier

A screenshot of the Visual Studio Code (VS Code) interface. The main area shows a code editor with a Python file named `main.py`. The code is a simple interactive number guessing game. The terminal below the editor shows the game in progress, starting with the prompt "Enter your guess: 60". The status bar at the bottom indicates the file is 3.13.7 lines long and uses Python as the language.

```
1 """
2 Number Guessing Game
3 -----
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15 Faculty: Prof. Rajesh Kumar
16
17 Author: [Your Name]
18 Enrollment No: [Your Enrollment Number]
19 Date: [Current Date]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

ayushsaini@ayushs-MacBook-Air Ayush % /usr/local/bin/python3 /Users/ayushsaini/Downloads/Ayush/main.py

How to Play:

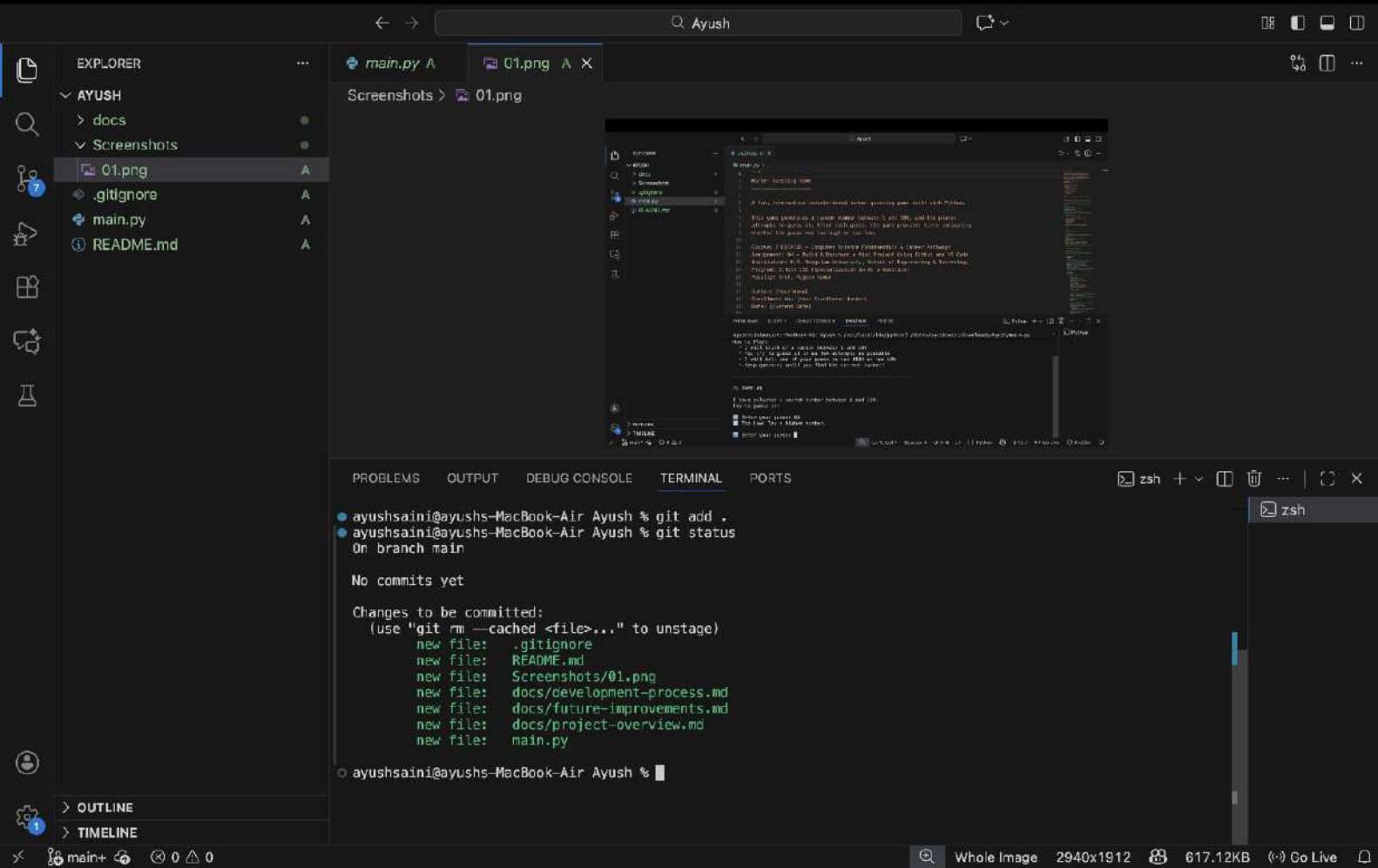
- I will think of a number between 1 and 100
- You try to guess it in as few attempts as possible
- I will tell you if your guess is too HIGH or too LOW
- Keep guessing until you find the correct number!

GAME #1

I have selected a secret number between 1 and 100.
Try to guess it!

Enter your guess: 60
Too Low! Try a higher number.
Enter your guess:

Ln 1, Col 1 Spaces: 4 UTF-8 LF {} Python 3.13.7 Go Live Prettier



A screenshot of the Visual Studio Code (VS Code) interface. The left sidebar shows a file tree with a folder named 'AYUSH' containing 'docs', 'Screenshots' (with '01.png'), '.gitignore', and 'main.py'. The main editor area displays the 'main.py' file content:

```
1 """
2 Number Guessing Game
3 -----
4
5 A fun, interactive console-based number guessing game built with Python.
6
7 This game generates a random number between 1 and 100, and the player
8 attempts to guess it. After each guess, the game provides hints indicating
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17 Author: [Your Name]
18 Enrollment No: [Your Enrollment Number]
19 Date: [Current Date]
20
```

The bottom status bar indicates the file is a Python script ('Python'), has 3.13.7 code coverage, and is using Prettier for styling.

The screenshot shows a dark-themed instance of Visual Studio Code (VS Code) running on a Mac. The left sidebar displays the file structure under the 'EXPLORER' tab, showing a folder named 'AYUSH' containing 'docs', 'Screenshots' (with '01.png'), '.gitignore', 'main.py', and 'README.md'. The 'main.py' file is currently selected and open in the center editor area. The code in 'main.py' is a Python script for a number guessing game, which includes details about its purpose, generation of random numbers between 1 and 100, and hints for user guesses. It also provides metadata such as course information (ETCCCP105), assignment details (Build & Document a Mini Project Using GitHub and VS Code), institutional details (K.R. Mangalam University, School of Engineering & Technology), program details (B.Tech CSE (Specialization in AI & Robotics)), and faculty details (Prof. Rajesh Kumar). Below the code editor, the 'TERMINAL' tab is active, showing a command-line session where the user has committed changes to the repository. The terminal output shows several git commands being run, including 'git commit' with messages like "Initial commit: Add README.md and .gitignore for project setup", "Add main.py with complete number guessing game implementation", "Add project overview documentation in docs folder", "Add development process documentation explaining build methodology", and "Add future improvements roadmap with planned enhancements". The status bar at the bottom of the screen displays the current user ('ayush saini'), the time ('9 minutes ago'), and various system and extension status indicators.

```
Number Guessing Game
=====
A fun, interactive console-based number guessing game built with Python.

This game generates a random number between 1 and 100, and the player attempts to guess it. After each guess, the game provides hints indicating whether the guess was too high or too low.

Course: ETCCCP105 - Computer Science Fundamentals & Career Pathways
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Institution: K.R. Mangalam University, School of Engineering & Technology
Program: B.Tech CSE (Specialization in AI & Robotics)
Faculty: Prof. Rajesh Kumar

ayushsaini@ayushs-MacBook-Air Ayush % git commit -m "Initial commit: Add README.md and .gitignore for project setup"
On branch main
nothing to commit, working tree clean
ayushsaini@ayushs-MacBook-Air Ayush % git add main.py
git commit -m "Add main.py with complete number guessing game implementation"
On branch main
nothing to commit, working tree clean
ayushsaini@ayushs-MacBook-Air Ayush % clear command
ayushsaini@ayushs-MacBook-Air Ayush % git add docs/project-overview.md
git commit -m "Add project overview documentation in docs folder"
On branch main
nothing to commit, working tree clean
ayushsaini@ayushs-MacBook-Air Ayush % git add docs/development-process.md
git commit -m "Add development process documentation explaining build methodology"
On branch main
nothing to commit, working tree clean
ayushsaini@ayushs-MacBook-Air Ayush % git add docs/future-improvements.md
git commit -m "Add future improvements roadmap with planned enhancements"
On branch main
nothing to commit, working tree clean
ayushsaini@ayushs-MacBook-Air Ayush %
```

A screenshot of the Visual Studio Code (VS Code) interface. The left sidebar shows a file tree with a folder named 'AYUSH' containing 'docs', 'Screenshots' (with '01.png'), '.gitignore', and 'main.py'. The 'main.py' file is selected. The main editor area displays the following Python code:

```
2 Number Guessing Game
3 =====
4
5 A fun, interactive console-based number guessing game built with Python.
6
7 This game generates a random number between 1 and 100, and the player
8 attempts to guess it. After each guess, the game provides hints indicating
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17 Author: [Your Name]
```

The terminal at the bottom shows the output of a git command:

```
ayushsaini@ayushs-MacBook-Air Ayush % git push origin main
Everything up-to-date
ayushsaini@ayushs-MacBook-Air Ayush %
```

At the bottom, status bar details include: ayush saini (9 minutes ago), Ln 19, Col 21, Spaces: 4, UTF-8, LF, Python, Finish Setup, 3.13.7, Go Live, Prettier.