

NOVANECTAR SERVICES PVT. LTD.

Project Title - Number Guessing Game

Project Overview:

The Number Guessing Game is a simple and interactive console-based game developed in Java. The game randomly selects a number between 1 and 100, and the user has a fixed number of attempts to guess it. The game provides feedback after each guess, indicating whether the user's guess is too high or too low.

Duration Taken:

The project was completed in approximately 1-2 days, including designing, coding, testing, and polishing the game logic.

Outcome:

A fully functional Number Guessing Game was successfully developed. The project helped reinforce fundamental Java concepts such as loops, conditionals, random number generation, and user input handling.

Challenges Faced:

1. Ensuring proper input validation to avoid program crashes.
2. Designing the game logic to provide hints and limit the number of attempts.
3. Managing clean and user-friendly console output.

Conclusion:

This project provided hands-on experience with Java basics and logical thinking. It was an enjoyable and educational project that strengthened understanding of Java syntax, control structures, and real-world problem solving.