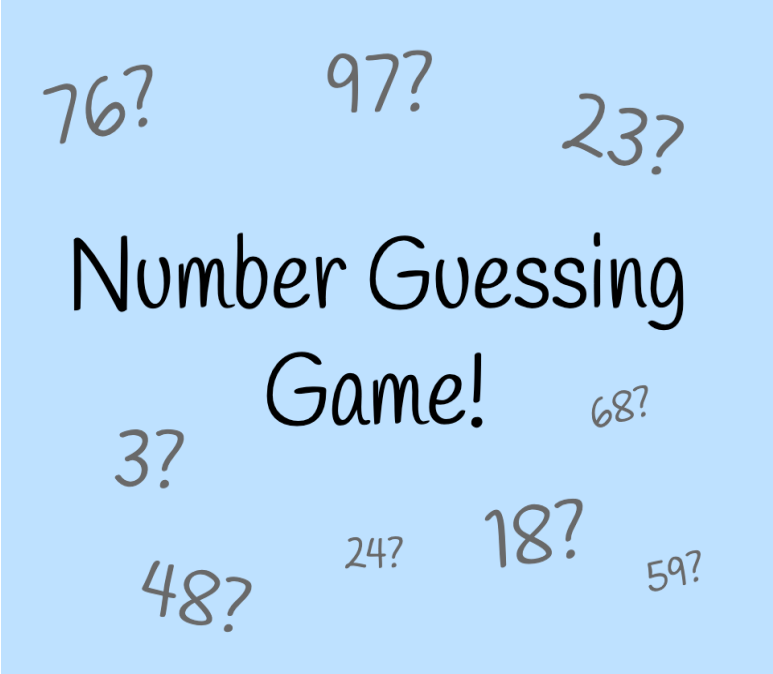
NUMBER GUESS GAME:

The number guessing game in Java is straightforward: the program will generate a random number between a specified range, and the player's objective is to guess the correct number within a limited number of attempts.

By the end of this description, you'll have a basic understanding of this Java Project and will have created a simple interactive game.



If you'd like to practice developing a similar number guessing game on your own, you can incorporate further details such as:

- limiting the number of attempts
- adding more than one round
- displaying win/loss score
- giving points to the user based on the number of attempts, etc.

In this guessing game, the computer will come up with a random number between 1 and 100. The player must then continue to guess numbers until the player guesses the correct number. For every guess, the computer will either say "Too high" or "Too low", and then ask for another input. At the end of the game, the number is revealed along with the number of guesses it took to get the correct number. Ready to follow along to create this guessing game? All right.

The task is to write a Java Program in which a user will get K trials to guess a randomly generated number. Below are the rules of the game:

- If the guessed number is bigger than the actual number, the program will respond with the message that the guessed number is higher than the actual number.
- If the guessed number is smaller than the actual number, the program will respond with the message that the guessed number is lower than the actual number.
- If the guessed number is equal to the actual number or if the K trials are exhausted, the program will end with a suitable message.

Developing an intuitive approach to playing Guess Number involves honing one's ability to make educated guesses based on a combination of logic, observation, and a subtle understanding of probability. This intuitive method goes beyond mere random guessing or relying solely on mathematical strategies. It starts with cultivating an awareness of patterns and frequencies within the game. Players can begin by observing the outcomes of their previous games, noting down the numbers that frequently appear, and understanding how often their guesses are close to the target number. As players become more attuned to the game's nuances, they can start trusting their instincts more. This doesn't mean abandoning logic or statistical methods but rather complementing these with a gut feeling. For instance, if a player notices that their initial guesses are often too low or too high, they can adjust their starting point accordingly, even if this adjustment seems to contradict a purely statistical approach.. This intuitive approach makes Guess

Number not just a game of numbers, but also a game of keen observation and instinct.