

Javascript



```
function numberGuessingGame() {  
    const randomNumber =  
Math.floor(Math.random() * 100) + 1;  
    let attempts = 0;  
  
    while (attempts < 5) {  
        const userGuess =  
parseInt(prompt("Guess the number  
(between 1 and 100):"));  
  
        if (isNaN(userGuess)) {  
            alert("Please enter a valid  
number.");  
            continue;  
        }  
  
        if (userGuess === randomNumber)  
{  
            alert("Congratulations! You  
guessed the correct number in $  
{attempts + 1} attempts.");  
            return;  
        } else if (userGuess <  
randomNumber) {  
            alert("Try a higher  
number.");  
        } else {
```