

```
1
2 let randomNumber = parseInt(Math.random() * 100 + 1);
3
4 const submit = document.querySelector('#subt');
5 const userInput = document.querySelector('#guessField');
6 const guessSlot = document.querySelector('.guesses');
7 const remaining = document.querySelector('.lastResult');
8 const lowOrHi = document.querySelector('.lowOrHi');
9 const startOver = document.querySelector('.resultParas');
10
11 const p = document.createElement('p');
12
13 let prevGuess = [];
14 let numGuess = 1;
15
16 let playGame = true;
17
18 if (playGame) {
19     submit.addEventListener('click', function (e) {
20         e.preventDefault();
21         const guess = parseInt(userInput.value);
22         console.log(guess);
23         validateGuess(guess);
24     });
25 }
26
```

```
let playGame = true;

if (playGame) {
  submit.addEventListener('click', function (e) {
    e.preventDefault();
    const guess = parseInt(userInput.value);
    console.log(guess);
    validateGuess(guess);
  });
}

function validateGuess(guess) {
  if (isNaN(guess)) {
    alert('Please enter a valid number');
  } else if (guess < 1) {
    alert('Please enter a number more than 1');
  } else if (guess > 100) {
    alert('Please enter a number less than 100');
  } else {
    prevGuess.push(guess);
    if (numGuess === 11) {
      displayGuess(guess);
      displayMessage(`Game Over. Random number was ${randomNumber}`);
      ;
      endGame();
    } else {
```

```
function checkGuess(guess) {  
  if (guess === randomNumber) {  
    displayMessage('You guessed it right');  
    endGame();  
  } else if (guess < randomNumber) {  
    displayMessage('Number is TOO low');  
  } else if (guess > randomNumber) {  
    displayMessage('Number is TOO High');  
  }  
}
```

```
function displayGuess(guess) {  
  userInput.value = '';  
  guessSlot.innerHTML += `${guess}, `;  
  numGuess++;  
  remaining.innerHTML = `${11 - numGuess} `;  
}
```

```
function displayMessage(message) {  
  lowOrHi.innerHTML = `<h2>${message}</h2>`;  
}
```

```
function endGame() {  
  userInput.value = '';  
  userInput.setAttribute('disabled', '');  
  btn.classList.add('button');
```



```
function endGame() {
  userInput.value = '';
  userInput.setAttribute('disabled', '');
  p.classList.add('button');
  p.innerHTML = '<h2 id="newGame">Start new Game</h2>';
  startOver.appendChild(p);
  playGame = false;
  newGame();
}

function newGame() {
  const newGameButton = document.querySelector('#newGame');
  newGameButton.addEventListener('click', function (e) {
    randomNumber = parseInt(Math.random() * 100 + 1);
    prevGuess = [];
    numGuess = 1;
    guessSlot.innerHTML = '';
    remaining.innerHTML = `${11 - numGuess}`;
    userInput.removeAttribute('disabled');
    startOver.removeChild(p);

    playGame = true;
  });
}
```

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## Number guessing game

Try and guess a random number between 1 and 100.

You have 10 attempts to guess the right number.

# Guess a number

1

Sub

11

Previous Guesses:

Guesses Remaining: 10

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## Number guessing game

Try and guess a random number between 1 and 100.

You have 10 attempts to guess the right number.

# Guess a number

**Submit guess**

Previous Guesses:

Guesses Remaining: 10

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## Number guessing game

Try and guess a random number between 1 and 100.

You have 10 attempts to guess the right number.

# Guess a number

**Submit guess**

Previous Guesses: 1, 2, 3, 4, 5, 6, 7, 8, 9, 12,

Guesses Remaining: 0

**Number is T000 low**

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## Number guessing game

Try and guess a random number between 1 and 100.

You have 10 attempts to guess the right number.

# Guess a number

**Submit guess**

Previous Guesses: 1, 2, 3, 4, 5, 6, 7, 8, 9, 12, 22,

Guesses Remaining: -1

**Game Over. Random number was 32**

**Start new Game**



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width,
6     initial-scale=1.0">
7     <meta http-equiv="X-UA-Compatible" content="ie=edge">
8     <title>Number Guessing Game</title>
9     <link rel="stylesheet" href="style.css">
10    <link rel="stylesheet" href=" ../styles.css">
11 </head>
12 <body style="background-color:#212121; color:#fff;">
13     <nav>
14         <a href="/" aria-current="page">Home</a>
15         <a target="_blank" href="https://www.youtube.com/@chaiaurcode">
16             >Youtube channel</a>
17     </nav>
18
19     <div id="wrapper">
20         <h1>Number guessing game</h1>
21         <p>Try and guess a random number between 1 and 100.</p>
22         <p>You have 10 attempts to guess the right number.</p>
23         <br>
24         <form class="form">
25             <label2 for="guessField" id="guess">Guess a number</
```

</nav>

```
<div id="wrapper">
```

```
  <h1>Number guessing game</h1>
```

```
<p>Try and guess a random number between 1 and 100.</p>
```

```
<p>You have 10 attempts to guess the right number.</p>
```

```
</br>
```

```
  <form class="form">
```

```
    <label2 for="guessField" id="guess">Guess a number</label>
```

```
    <input type="text" id="guessField" class="guessField">
```

```
    <input type="submit" id="subt" value="Submit guess" class="guessSubmit">
```

```
  </form>
```

```
  <div class="resultParas">
```

```
    <p >Previous Guesses: <span class="guesses"></span></p>
```

```
    <p >Guesses Remaining: <span class="lastResult">10</span></p>
```

```
    <p class="lowOrHi"></p>
```

```
  </div>
```

```
</div>
```


```
<script src="chaiaurcode.js"></script>
```

```
</body>
```

```
html {  
  font-family: sans-serif;  
}  
  
body {  
  width: 300px;  
  max-width: 750px;  
  min-width: 480px;  
  margin: 0 auto;  
  background-color: #212121;  
}  
  
.lastResult {  
  color: white;  
  padding: 7px;  
}  
  
.guesses {  
  color: white;  
  padding: 7px;  
}  
  
button {  
  background-color: #141414;  
  color: #fff;  
  width: 250px;
```

```
button {  
  background-color:  #141414;  
  color:  #fff;  
  width: 250px;  
  height: 50px;  
  border-radius: 25px;  
  font-size: 30px;  
  border-style: none;  
  margin-top: 30px;  
  /* margin-left: 50px; */  
}
```

```
#subt {  
  background-color:  #161616;  
  color:  #ffffff;  
  width: 200px;  
  height: 50px;  
  border-radius: 10px;  
  font-size: 20px;  
  border-style: none;  
  margin-top: 50px;  
  /* margin-left: 75px; */  
}
```

```
background-color:  #7a7a7a;
```


```
#wrapper {
```

```
  box-sizing: border-box;
```

```
  text-align: center;
```

```
  width: 450px;
```

```
  height: 550px;
```

```
  background-color:  #474747;
```

```
  color:  #fff;
```

```
  font-size: 25px;
```

```
h1 {
```

```
  background-color:  #161616;
```

```
  color:  #fff;
```

```
  text-align: center;
```

```
p {
```

```
  font-size: 16px;
```

```
  text-align: center;
```