

CvSU Vision

The premier University in historic Cavite recognized for excellence in the development of globally competitive and morally upright individuals.

**CAVITE STATE UNIVERSITY****Imus Campus**

Cavite Civic Center Palico IV, Imus, Cavite
(046) 471-66-07 / (046) 471-67-70 / (046) 686- 23-49
www.cvsu.edu.ph

CvSU Mission

Cavite State University shall provide excellent, equitable and relevant educational opportunities in the arts, sciences and technology through quality instruction and responsive research and development activities.

It shall produce professional, skilled and morally upright individuals for global competitiveness.

DEPARTMENT OF COMPUTER STUDIES
ITEC 106 – IT ELECTIVE 2 (WEB SYSTEM AND TECHNOLOGIES 2)

Name : Chesca Simon	Section : BSIT 3C
Assignment No : 3	Submission Date : April 6, 2024
Assignment Title: Number Guessing Game	

Code :**HTML FILE**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Number Guessing Game</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <div class="container">
    <h1>Number Guessing Game</h1>
    <p>Guess a number between 1 and 10:</p>
    <input type="text" id="guessInput">
    <button onclick="checkGuess()">Guess</button>
    <p id="message"></p>
  </div>

  <script src="game.js"></script>
</body>
</html>
```

JS FILE

```
const randomNumber = Math.floor(Math.random() * 10) + 1;

function checkGuess() {
  const guess = parseInt(document.getElementById("guessInput").value);
```

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```
if (isNaN(guess) || guess < 1 || guess > 10) {  
    document.getElementById("message").textContent = "Invalid input: Please input a number  
between 1 and 10.";   
    return;  
}
```

```
if (guess === randomNumber) {  
    document.getElementById("message").textContent = `Congratulations! You've guessed  
the correct number ${randomNumber}!`;   
} else if (guess < randomNumber) {  
    document.getElementById("message").textContent = "Too low! Try again.";   
} else {  
    document.getElementById("message").textContent = "Too high! Try again.";   
}   
}
```

CSS FILE

```
body {  
    font-family: Arial, sans-serif;  
    background-color: #f4f4f4;  
}   
  
.container {  
    max-width: 400px;  
    margin: 0 auto;  
    padding: 20px;  
    background-color: #fff;  
    border-radius: 5px;  
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
}   
  
h1 {  
    text-align: center;  
    color: #333;  
}   
  
p {  
    color: #666;
```

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}

```
input[type="text"] {  
    width: 100%;  
    padding: 10px;  
    margin-bottom: 10px;  
}
```

```
button {  
    width: 100%;  
    padding: 10px;  
    background-color: #007bff;  
    color: #fff;  
    border: none;  
    border-radius: 5px;  
    cursor: pointer;  
}
```

```
button:hover {  
    background-color: #0056b3;  
}
```

```
#message {  
    margin-top: 20px;  
    text-align: center;  
    font-weight: bold;  
}
```

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SCREENSHOT

