

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport"
content="width=device-width, initial-
scale=1.0">
  <title>Battleground Game</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      text-align: center;
    }
    .container {
      margin: 20px auto;
      padding: 20px;
      border: 1px solid #ccc;
      width: 80%;
      max-width: 600px;
    }
    button {
      margin: 10px;
      padding: 10px 20px;
      font-size: 16px;
      cursor: pointer;
    }
  </style>
</head>
<body>
  <div class="container">
```

```
<h1>Battleground Game</h1>
<div id="gameArea">
  <p>Click Start Game to begin.</p>
  <button onclick="startGame()">Start
Game</button>
</div>
</div>
```

```
<script>
// Game variables
let player = {
  name: "Player",
  health: 100,
  attackPower: 10
};
```

```
let opponent = {
  name: "Enemy",
  health: 50,
  attackPower: 5
};
```

```
let round = 1;
```

```
// Function to start the game
function startGame() {
```

```
document.getElementById('gameArea').inn
erHTML = `<p>Round ${round}</p>
  <p>${player.name} HP: $
```

```
{player.health}</p>
    <p>${opponent.name} HP: $
{opponent.health}</p>
    <button
onclick="playerAttack()">Attack</button>
    <button
onclick="playerDefend()">Defend</
button>`;
}
```

```
// Player attack function
function playerAttack() {
    let playerDamage =
Math.floor(Math.random() *
player.attackPower) + 1;
    opponent.health -= playerDamage;
    if (opponent.health <= 0) {
        endGame(` ${opponent.name}
defeated!` );
    } else {
        opponentAttack();
    }
}
```

```
// Opponent attack function
function opponentAttack() {
    let opponentDamage =
Math.floor(Math.random() *
opponent.attackPower) + 1;
    player.health -= opponentDamage;
```

```
        if (player.health <= 0) {
            endGame(` ${player.name}
defeated! ` );
        } else {
            displayGameStatus();
        }
    }
}
```

```
// Function to display game status
function displayGameStatus() {
    round++;
```

```
    document.getElementById('gameArea').inn
erHTML = `<p>Round ${round}</p>
        <p>${player.name} HP: $
{player.health}</p>
        <p>${opponent.name} HP: $
{opponent.health}</p>
        <button
onclick="playerAttack()">Attack</button>
        <button
onclick="playerDefend()">Defend</
button>`;
    }
```

```
// Function to end the game
function endGame(message) {
```

```
    document.getElementById('gameArea').inn
erHTML = `<p>${message}</p>
```

```
        <button onclick="startGame()">Play  
Again</button>`;  
    }  
</script>  
</body>  
</html>
```