

MWA Assignment

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BTech CSBS

1. JavaScript Word Game

Code:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Document</title>
    <script>
      function wordgame(str1) {
        str1 = document.getElementById("names1").value;
        var a = str1.charAt(0).toLowerCase();
        if (a === "a" || a === "e" || a === "i" || a === "o" || a === "u") {
          document.getElementById("respara").innerHTML +=
            str1 + "," + str1 + "," + "bo-b" + str1.toLowerCase() + "<br>";
          document.getElementById("respara").innerHTML +=
            "Banana-fana fo-f" + str1.toLowerCase() + "<br>";
          document.getElementById("respara").innerHTML +=
            "Fee-fi-mo-m" + str1.toLowerCase() + "<br>";
          document.getElementById("respara").innerHTML += str1 + "!";
        } else if (a === "b") {
          document.getElementById("respara").innerHTML +=
            " " + str1 + ", " + str1 + ", " + "bo-" + str1.slice(1) + "<br>";
          document.getElementById("respara").innerHTML +=
            "Banana fanana f0-f" + str1.slice(1) + "<br>";
          document.getElementById("respara").innerHTML +=
            "Fee-fi-mo-m" + str1.slice(1);
        } else if (a === "f") {
          document.getElementById("respara").innerHTML +=
            " " + str1 + ", " + str1 + ", " + "bo-b" + str1.slice(1) + "<br>";
          document.getElementById("respara").innerHTML +=
            " Bananan-fana fo-" + str1.slice(1) + "<br>"; // Banana-fana fo-
elix
          document.getElementById("respara").innerHTML +=
            "Fee-fi-mo-m" + str1.slice(1) + "<br>";
        } else {
          document.getElementById("respara").innerHTML +=
            " " +
```

```

        str1 +
        ", " +
        str1 +
        ", " +
        "<br>" +
        "Banana-fana fo-f" +
        str1.slice(1) +
        "<br>" +
        "Fee-fi-mo-m" +
        str1.slice(1) +
        "<br>" +
        str1 +
        "!"; // Banana-fana fo-fary //Fee-fi-mo-mary
    }
}
</script>
</head>
<body>
    Enter a string: <input type="text" id="names1" />
    <input type="submit" onclick="wordgame()" />
    <p id="respara">The verse is:</p>
</body>
</html>

```

Output:

Enter a string:

The verse is: Gary, Gary,
Banana-fana fo-fary
Fee-fi-mo-mary
Gary!

Enter a string:

The verse is:Earl,Earl,bo-bearl
Banana-fana fo-fearl
Fee-fi-mo-mearl
Earl!

Enter a string:

The verse is: Billy, Billy, bo-illy
Banana fanana f0-filly
Fee-fi-mo-milly

Enter a string:

The verse is: Felix, Felix, bo-belix
Bananan-fana fo-elix
Fee-fi-mo-melix

2. JavaScript states

Code:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Clicker</title>
    <link rel="stylesheet" href="styles.css" />
    <script>
      function clickme() {
        document.getElementById("second").innerHTML =
          "<input type='submit' onclick='buttonred()' id='progress'
value='.....'>";
        document.getElementById(
          "second"
        ).innerHTML += `<p>"in progress" once the <br> button is pressed</p>`;
      }
      function buttonred() {
        document.getElementById(
          "third"
        ).innerHTML = `<p>Click as quickly as <br>possible once it
turns<br>green!</p>`;
        document.getElementById("third").innerHTML +=
          "<input type='submit' id='finish' value='PRESS NOW!'>";
      }
    </script>
  </head>
  <body>
    <div id="boxes">
      <div id="box1">
```

```

        <input
            type="submit"
            onclick="clickme()"
            name="start"
            id="first"
            value="Start"
        />
        <p>Starting State</p>
    </div>
    <div id="box2"><p id="second"></p></div>
    <div id="box3"><p id="third"></p></div>
</div>
</body>
</html>

```

Styles.css

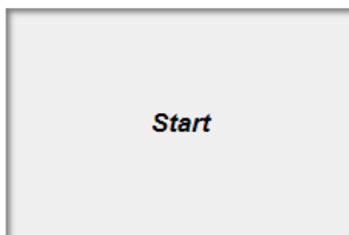
```

input {
    border: none;
    width: 180px;
    height: 120px;
    text-align: center;
    display: inline-block;
    margin: 4px 2px;
    font-weight: bold;
    font-style: italic;
    box-shadow: inset 2px 2px 3px rgba(79, 79, 79, 0.75);
}
p {
    text-align: center;
}
#start {
    justify-content: top;
}
#progress {
    background-color: rgb(255, 80, 80);
}
#finish {
    background-color: rgb(107, 255, 144);
}
#boxes {
    display: flex;
}
#box1 {
    margin-top: 0;
    margin-left: 15px;
}

```

```
#box2 {  
  margin-top: 50px;  
  margin-left: 15px;  
}  
#box3 {  
  margin-top: 100px;  
  margin-left: 15px;  
}
```

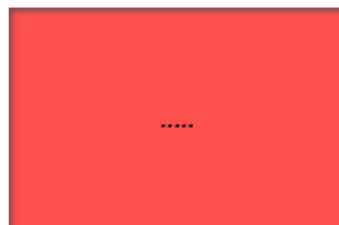
Output:



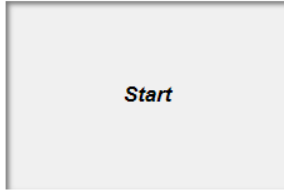
Starting State



Starting State



"in progress" once the
button is pressed



Starting State



"in progress" once the
button is pressed

Click as quickly as
possible once it turns
green!

