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DOMAIN – WEB DEVELOPMENT

BATCH – b13

Task - 2

INPUT 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">`

`<style>body{`

`padding: 0;`

`margin: 0;`

`width:100vw;`

`height: 100vh;`

`}`

`.panel{`

`height: 100vh;`

`display: flex;`

`flex-direction: column;`

`justify-content: center;`

`align-items: center;`

`}`

`.question-container{`

`margin: 10px;`

`padding: 5px;`

`width: 80vw;`

`height: 10vh;`

`background-color: #c7dddf;`

`font-size: x-large;`

`text-align: center;`

```
}
.result{
    margin: 10px;
    padding: 5px;
    width:80vw;
    height: 10vh;
    text-align: center;
    font-size: 50px;
}
.option-container{
    display: flex;
    justify-content: space-around;
    margin: 10px;
    padding: 5px;
    width: 80vw;
    height: 20vh;
    background-color: #9eb1b3;
}
.option{
    padding: 10px;
    width: 15vw;
    height: 10vh;
    font-size: larger;
    background-color: lightskyblue;
    border-radius: 25%;
}
.option:hover{
    background-color: lightgoldenrodyellow;
}
.navigation{
    width: 80vw;
    height: 10vh;
    margin: 10px;
    padding: 5px;
    display: flex;
    justify-content: space-around;
    background-color:#c7dddf;
}
```

```

    .evaluate,.next{
        width:30vw;
        height: 8vh;
        padding: 5px;
        font-size: larger;
    }
    .evaluate{

        background-color: #50DBB4;
    }
    .next{
        color: white;
        background-color: #BF3325;
    }
</style>
</head>
<body>
    <div class="panel">
        <div class="result">

        </div>
        <div class="question-container" id="question">
            Question goes here.
        </div>
        <div class="option-container">
            <button class="option" onclick="" id="op1"
>option1</button>

            <button class="option" id="op2"
>option2</button>

            <button class="option"
id="op3">option3</button>

            <button class="option"
id="op4">option4</button>
        </div>
        <div class="navigation">
            <button class="evaluate">Evaluate</button>
            <button class="next">Next</button>
        </div>
    </div>

```

```

<script>// Questions will be asked
const Questions = [{
  id: 0,
  q: "who developed javascript?",
  a: [{ text: "mukesh ambani", isCorrect:
false },
      { text: "elon musk", isCorrect: false
},
      { text: "Brendan Eich", isCorrect: true
},
      { text: "bezos mall", isCorrect: false
}
    ]
  },
  {
    id: 1,
    q: "What is the capital of Thailand?",
    a: [{ text: "Lampang", isCorrect: false,
isSelected: false },
        { text: "phuket", isCorrect: false },
        { text: "Ayutthaya", isCorrect: false
},
        { text: "Bangkok", isCorrect: true }
      ]
    },
  {
    id: 2,
    q: "What is the capital of Gujarat",
    a: [{ text: "surat", isCorrect: false },
        { text: "vadodara", isCorrect: false },
        { text: "gandhinagar", isCorrect: true
},
        { text: "rajkot", isCorrect: false }
      ]
    }
  ]

// Set start

```

```

var start = true;

// Iterate
function iterate(id) {

    // Getting the result display section
    var result =
document.getElementsByClassName("result");
    result[0].innerText = "";

    // Getting the question
    const question =
document.getElementById("question");

    // Setting the question text
    question.innerText = Questions[id].q;

    // Getting the options
    const op1 = document.getElementById('op1');
    const op2 = document.getElementById('op2');
    const op3 = document.getElementById('op3');
    const op4 = document.getElementById('op4');

    // Providing option text
    op1.innerText = Questions[id].a[0].text;
    op2.innerText = Questions[id].a[1].text;
    op3.innerText = Questions[id].a[2].text;
    op4.innerText = Questions[id].a[3].text;

    // Providing the true or false value to the
options
    op1.value = Questions[id].a[0].isCorrect;
    op2.value = Questions[id].a[1].isCorrect;
    op3.value = Questions[id].a[2].isCorrect;
    op4.value = Questions[id].a[3].isCorrect;

    var selected = "";

    // Show selection for op1
    op1.addEventListener("click", () => {

```

```

        op1.style.backgroundColor =
"lightgoldenrodyellow";
        op2.style.backgroundColor = "lightskyblue";
        op3.style.backgroundColor = "lightskyblue";
        op4.style.backgroundColor = "lightskyblue";
        selected = op1.value;
    })

    // Show selection for op2
    op2.addEventListener("click", () => {
        op1.style.backgroundColor = "lightskyblue";
        op2.style.backgroundColor =
"lightgoldenrodyellow";
        op3.style.backgroundColor = "lightskyblue";
        op4.style.backgroundColor = "lightskyblue";
        selected = op2.value;
    })

    // Show selection for op3
    op3.addEventListener("click", () => {
        op1.style.backgroundColor = "lightskyblue";
        op2.style.backgroundColor = "lightskyblue";
        op3.style.backgroundColor =
"lightgoldenrodyellow";
        op4.style.backgroundColor = "lightskyblue";
        selected = op3.value;
    })

    // Show selection for op4
    op4.addEventListener("click", () => {
        op1.style.backgroundColor = "lightskyblue";
        op2.style.backgroundColor = "lightskyblue";
        op3.style.backgroundColor = "lightskyblue";
        op4.style.backgroundColor =
"lightgoldenrodyellow";
        selected = op4.value;
    })

    // Grabbing the evaluate button
    const evaluate =
document.getElementsByClassName("evaluate");

```

```

        // Evaluate method
        evaluate[0].addEventListener("click", () => {
            if (selected == "true") {
                result[0].innerHTML = "True";
                result[0].style.color = "green";
            } else {
                result[0].innerHTML = "False";
                result[0].style.color = "red";
            }
        })
    }

    if (start) {
        iterate("0");
    }

    // Next button and method
    const next =
document.getElementsByTagName('next')[0];
    var id = 0;

    next.addEventListener("click", () => {
        start = false;
        if (id < 2) {
            id++;
            iterate(id);
            console.log(id);
        }

    })
</script>
</body>
</html>

```

ReplyForward

OUTPUT –

who developed javascript?

mukesh ambani

elon musk

Brendan Eich

bezos mall

Evaluate

Next

Activate Windows

Go to Settings to activate Windows.

Windows logo

Type here to search

Taskbar icons: File Explorer, Microsoft Store, Edge, etc.

System tray: Network, Volume, Date/Time (10:50 01-03-2023), Language (ENG)