CS255
Assignment -7
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1.Insert various JavaScript syntax. Create dialog boxes using JavaScript and use them in the question paper created in last last assignment.
Code:

ASSIGNMENT-7

HTML CODE:

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>MY QUIZ</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link
href="https://fonts.googleapis.com/css2?family=Roboto:wght@100;400;700&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="style.css">
</head>

<body>
    <div class="main ">
        <div class="mic">
            <h4>View Score</h4>
            <h3>INTERNET WEB TECHNOLOGY<br>
                SUBJECT CODE:255<h3>
                    <H3>Time:0</H3>
        </div>
        <div class="rules">
            <h3>Quiz Practice</h3>
            <h2>Some Rules of this Quiz:</h2>
        </div>
        <div class="inst">
            <h4>1. You will have only 30 seconds per each questions.<br>
```

```html
                2. Once you select your answer, it can't be undone.<br>
                3. You can't select any option once time goes off.<br>
                4. You can't exit from the Quiz while you're playing.<br>
                5. You'll get points on the basis of your correct answers.</h4>
        </div>
        <div class="start_quiz">
            <h3>
                Start Quiz
            </h3>
        </div>
    </div>
    <div class="quiz-box inactive">
        <h2 class="que_text">Q1.The full form of CSS is:</h2>
        <div class="options">
            <div class="option incorrect disabled">Cascading style sheets<i class="fa
fa-times"></i></div>
            <div class="option disabled">Coloured style sheets</div>
            <div class="option disabled">Color and style sheets</div>
            <div class="option correct disabled">None of the ABove<i class="fa
fa-check"></i></div>
        </div>
        <div class="quiz-footer">
            <div class="footer-left">
                <span class="count_que">1</span> of <span class="total_que">5</span>
Questions
            </div>
            <div class="footer-right">
                <div class="next-btn">Next Question</div>
            </div>
        </div>
    </div>
    <div class="result-box inactive">
        <div class="HI"> Result</div>
        <div class="result">
```

```html
        <h3 class="total-que">Total Questions : <span>5</span></h3>
        <h3 class="right-ans">Right Answers : <span>3</span></h3>
        <h3 class="wrong-ans">Wrong Answers : <span>2</span></h3>
        <h3 class="percentage">Percentage : <span>60.00%</span></h3>
      </div>
      <div class="result-footer">
        <div class="again-quiz">Again Quiz</div>
        <div class="exit">Exit</div>
      </div>
    </div>
    <script>
      var questions = [
        {
          num: 1,
          question: "Q1.The full form of CSS is:",
          answer: "Cascading style sheets",
          options: [
            "Cascading style sheets",
            "Coloured style sheets",
            "Color and style sheets",
            "None of the ABove"
          ]
        },
        {
          num: 2,
          question: "Q2.The full form of CPU is:",
          answer: "central processing unit",
          options: [
            "central processing unit",
            "centeral processing unit",
            "color processing unit",
            "none of the above"
          ]
        },
```

```
    {
        num: 3,
        question: "Q3The full form of RAM is:",
        answer: "random acces memory",
        options: [
            "random acces memory",
            "read acess memory",
            "both",
            "None of the ABove"
        ]
    },
    {
        num: 4,
        question: "Q4.The full form of ROM is:",
        answer: "read only memory",
        options: [
            "read only memory",
            "read acess memory",
            "both",
            "None of the ABove"
        ]
    },
    {
        num: 5,
        question: "Q5.The full form of HDD is:",
        answer: "hard disk drive",
        options: [
            "hard drama drive",
            "hard disk drive",
            "both",
            "None of the ABove"
        ]
    },
]
```

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

</html>
```

CSS CODE:

```css
body {
    background: #8497B0;
    font-family: 'Roboto', sans-serif;
}

.main {
    background-color: #fff;
    width: 75%;
    height: 75%;
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
}

.main h4 {
    background-color: #569BD4;
    border: 1px solid #000;
    border-radius: 10px;
    padding: 10px 20px;
    cursor: pointer;
    transition: all 0.3s;


}

.main h4:hover {
    background: #fff;
```

```css
    color: #8497B0;
}


.mic {
    display: flex;
    justify-content: space-around;
    padding-top: 100px;
    padding-left: 85px;

}


.mic h3 {
    text-align-last: center;
}


.rules h3 {
    color: #AFE5FD;
    text-align: center;
}


.rules h2 {
    color: #AFE5FD;
    text-align: center;
}


.inst {
    text-align: left;
    padding: 10px 250px;

}


.inst h4 {

    background-color: #E8E6E7;
```

```css
    border: 1px solid black;
    border-style: dashed;
    border-radius: 0%;
}

.start_quiz {
    display: flex;
    justify-content: space-around;
    padding-bottom: 120px;
}

.start_quiz h3 {
    background-color: #569BD4;
    border: 1px solid #fff;
    border-radius: 10px;
    padding: 10px 20px;
    cursor: pointer;
    transition: all 0.3s;
}

.start_quiz :hover {
    background: #fff;
    color: #569BD4;
}

.inactive {
    display: none;
}

.disabled {
    pointer-events: none;
}

.quiz-box {
```

```css
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    color: #fff;
    border: 2px solid #fff;
    box-shadow: 0 0 10px #D9D9D9;
    padding: 50px;
    width: 100%;
    max-width: 600px;
    background: #D9D9D9;
}

.quiz-box h2 {
    font-size: 30px;
}

.quiz-box .option {
    font-size: 18px;
    color: #000;
    border: 2px solid #fff;
    margin: 20px 0;
    padding: 12px 15px;
    border-radius: 5px;
    transition: all 0.3s;
    cursor: pointer;
    position: relative;

}

.quiz-box .option .fa {
    position:  absolute;
    top: 6px;
    right: 10px;
```

```css
    font-size: 30px;
}

.quiz-box .option.incorrect {
    background: rgb(241, 153, 153);
    color: rgb(184, 12, 12);
    border-color: rgb(184, 12, 12);
}

.quiz-box .option.correct {
    background: rgb(157, 246, 157);
    color: rgb(6, 138, 28);
    border-color: rgb(6, 138, 28);
}

.quiz-box .option:hover {
    background: #036DB9;
}

.que_text {
    color: #93684A;
}

.quiz-footer {
    margin-top: 50px;
    padding-top: 30px;
    border-top: 2px dashed #93684A;
    display: flex;
    justify-content: space-between;
    align-items: center;
    height: 100px;
}

.count_que,
```

```css
.total_que {
    font-weight: bolder;
    font-size: 20px;
}


.footer-left {
    font-size: 18px;
    color: #036DB9;
}


.next-btn {
    font-size: 18px;
    border: 2px solid #036DB9;
    border-radius: 5px;
    padding: 10px;
    cursor: pointer;
    transition: all 0.3s;
    background-color: #036DB9;
}


.next-btn:hover {
    background: #fff;
    color: #036DB9;
}

body {
    background: #8497B0;
    ;
    font-family: 'Roboto', sans-serif;
}


.inactive {
    display: none;
```

```css
}

.disabled {
    pointer-events: none;
}

.footer-left {
    font-size: 18px;
}

.next-btn {
    font-size: 18px;
    border: 2px solid #036DB9;
    border-radius: 5px;
    padding: 10px;
    cursor: pointer;
    transition: all 0.3s;
    background-color: #036DB9;
}

.next-btn:hover {
    background: #fff;
    color: #036DB9;
}

.result-box {
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    color: #fff;
    box-shadow: 0 0 10px #a0a7ac;
    width: 100%;
    max-width: 450px;
```

```css
    background: #A5B2BB;
}


.result-box h2 {
    font-size: 36px;
    background: #fff;
    color: #036DB9;
    text-align: center;
    padding: 20px 0;
}


.result-box .result {
    padding: 40px;
}


.result-box h3 {
    font-size: 30px;
    margin-bottom: 10px;
}


.result-footer {
    display: flex;
    justify-content: space-around;
    padding-bottom: 30px;
}


.result-footer .again-quiz,
.result-footer .exit {
    border: 2px solid #fff;
    border-radius: 5px;
    padding: 10px 20px;
    font-size: 24px;
    cursor: pointer;
    transition: all 0.3s;
```

```css
}

.result-footer .again-quiz {
    background: #036DB9;
    color: #fff;
    border-color: #3c0bee;
}

.result-footer .again-quiz:hover {
    background: #fff;
    color: #036DB9;
    border-color: #fff;
}

.result-footer  .exit {
    background: red;
    color: #fff;
    border-color: #3c0bee;
}

.result-footer .exit:hover {
    background: #fff;
    color: red;
    border-color: #3c0bee;
}

.HI {
    font-size: 50px;
    background: #fff;
    color: #000;
    text-align: center;
}
```

JS CODE:

```javascript
const start_btn = document.querySelector(".start_quiz");
const quiz_box = document.querySelector(".quiz-box");
const que_text = quiz_box.querySelector(".que_text");
const options_box = quiz_box.querySelector(".options");
const next_btn = document.querySelector(".next-btn");
const total_q = document.querySelector(".quiz-footer .total_que");
const count_que = document.querySelector(".quiz-footer .count_que");
const result_box = document.querySelector(".result-box");
const main=document.querySelector(".main");
const buttom_res=document.querySelector(".main h4");

const total_que_r = document.querySelector(".total-que span");
const right_ans_r = document.querySelector(".right-ans span");
const wrong_ans_r = document.querySelector(".wrong-ans span");
const percentage = document.querySelector(".percentage span");

const again_quiz = document.querySelector(".result-footer .again-quiz");
const exit = document.querySelector(".result-footer .exit");

const mark_wrong = '<i class="fa fa-times"></i>';
const mark_check = '<i class="fa fa-check"></i>';

start_btn.onclick = () => {
  quiz_box.classList.remove("inactive");
  start_btn.classList.add("inactive");
  main.classList.add("inactive");

}
buttom_res.onclick = () => {
    result_box.classList.remove("inactive");
    start_btn.classList.add("inactive");
    main.classList.add("inactive");
```

```javascript
    }

total_q.innerText = questions.length;
total_que_r.innerText = questions.length;

var que_index = 0;
var right_answers = 0;
var wrong_answers = 0;
count_que.innerText = que_index + 1;
ShowQuestion(que_index);

function ShowQuestion(q_index) {
  que_text.innerText = questions[q_index].num + ". " + questions[q_index].question;
  var option_statement = "";
  for (var i = 0; i < questions[q_index].options.length; i++) {
    option_statement += `<div class="option">${questions[q_index].options[i]}</div>`;
  }

  options_box.innerHTML = option_statement;

  var AllOptions = options_box.querySelectorAll(".option");

  for (var j = 0; j < AllOptions.length; j++) {
    AllOptions[j].setAttribute("onclick", "UserAnswer(this)");
  }
  next_btn.classList.add("inactive");
}

next_btn.onclick = () => {
  que_index++;

  if (questions.length > que_index) {
    count_que.innerText = que_index + 1;
```

```javascript
      ShowQuestion(que_index);
   } else {
     console.log("Questions Complete");
     main.classList.add("inactive");
     result_box.classList.remove("inactive");
     right_ans_r.innerText = right_answers;
     wrong_ans_r.innerText = wrong_answers;
     percentage.innerText = ((right_answers * 100) / questions.length).toFixed(2) +
"%";

   }

   if (questions.length - 1 == que_index) {
     next_btn.innerText = "Finish";
   }
}

function UserAnswer(answer) {
  let userAns = answer.innerText;
  let correctAns = questions[que_index].answer;
  var AllOptions2 = options_box.querySelectorAll(".option");

  next_btn.classList.remove("inactive");
  if (userAns == correctAns) {
    console.log("%c Right Answer", "color:green");
    answer.classList.add("correct");
    answer.insertAdjacentHTML("beforeend", mark_check);
    right_answers++;
  } else {

    console.log("%c Wrong Answer", "color:red");
    answer.classList.add("incorrect");
    answer.insertAdjacentHTML("beforeend", mark_wrong);
    wrong_answers++;
```

```javascript
    for (var i = 0; i < AllOptions2.length; i++) {
      if (AllOptions2[i].innerText == correctAns) {
        AllOptions2[i].classList.add("correct");
        AllOptions2[i].insertAdjacentHTML("beforeend", mark_check);
      }
    }
  }
  if(que_index==4)
  {
    quiz_box.classList.add("inactive");
    result_box.classList.remove("inactive");
  }

  for (var j = 0; j < AllOptions2.length; j++) {
    AllOptions2[j].classList.add("disabled");
  }

}

again_quiz.onclick = () => {
  quiz_box.classList.remove("inactive");
  result_box.classList.add("inactive");

  reset();

}

exit.onclick = () => {
  start_btn.classList.remove("inactive");
  result_box.classList.add("inactive");

  reset();
}
```
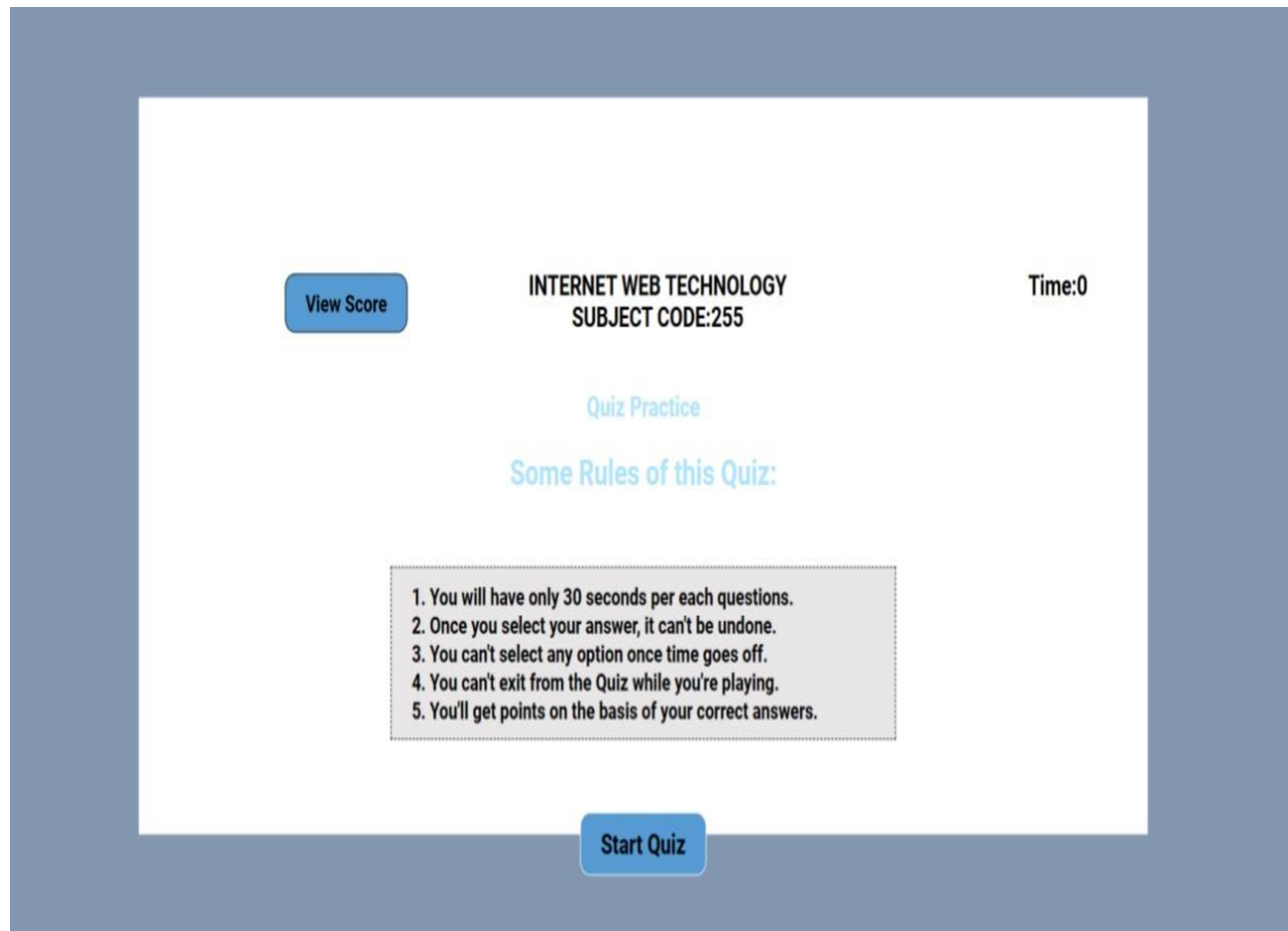
```
function reset() {
  que_index = 0;
  right_answers = 0;
  wrong_answers = 0;
  next_btn.innerText = "Next Question";
  count_que.innerText = que_index + 1;
  ShowQuestion(que_index);
}
```

OUTPUT:

1. Q1.The full form of CSS is:

Cascading style sheets ✔

Coloured style sheets

Color and style sheets

None of the ABove

Next Question

2. Q2.The full form of CPU is:

central processing unit ✔

centeral processing unit ✖

color processing unit

none of the above

Next Question

3. Q3The full form of RAM is:

random acces memory ✔

read acess memory ✘

both

None of the ABove

----

3 of 5 Questions

Next Question

4. Q4.The full form of ROM is:

read only memory ✔

read acess memory ✘

both

None of the ABove

----

4 of 5 Questions

Next Question

Result

Total Questions : 5

Right Answers : 3

Wrong Answers : 2

Percentage : 60.00%

Again Quiz   Exit