```
/* jshint esversion: 8 */
 2
 3
      // Get required elements - values don't change
 4
      const startButton = document.getElementById('startQuiz');
      const usernameInput = document.getElementById('username');
 6
      const startScreen = document.getElementById('startScreen');
 7
      const questionScreen = document.getElementById('questionScreen');
 8
      const resultScreen = document.getElementById('resultScreen');
 9
      const usernameDisplay = document.getElementBvId('usernameDisplay');
10
      const scoreDisplay = document.getElementById('scoreDisplay');
      const resetButton = document.getElementById('resetButton');
11
12
13
      // Hide questionScreen and resultScreen initially
14
      questionScreen.style.display = 'none';
      resultScreen.style.display = 'none';
15
16
17
      // Declare variables
18
      let username = '';
19
      let score = 0;
20
      let currentQuestion = 0;
21
22
      // Ouestion data - values don't change
23
      const questions = [
24
25
              question: "Who won the Premier League in the year 2000?",
26
              options: ["Manchester United", "Arsenal", "Chelsea"],
              answer: "Manchester United"
27
28
29
30
              question: "Which team was relegated from the Premier League in the year 2010?",
31
              options: ["Blackpool", "West Ham United", "Birmingham City"],
32
              answer: "Blackpool"
33
34
35
              question: "Who was the top goal scorer in the Premier League during the 2015-2016
36
              options: ["Sergio Agüero", "Harry Kane", "Jamie Vardy"],
37
              answer: "Harry Kane"
38
39
40
              question: "Which team won the Premier League title in the year 2019?",
              options: ["Liverpool", "Manchester City", "Chelsea"],
41
42
              answer: "Manchester City"
43
          },
44
45
              question: "Who scored the fastest Premier League hat-trick in history?",
46
              options: ["Sadio Mané", "Robbie Fowler", "Andy Carroll"],
47
              answer: "Sadio Mané"
48
49
      ];
50
51
      // Event listener for quiz start button
52
      startButton.addEventListener('click', startQuiz);
53
54
      function startQuiz() {
55
          username = usernameInput.value;
          if (username !== '') {
56
57
              startScreen.style.display = 'none';
```

## **CONFIGURE**

## Metrics

There are 8 functions in this file.

Function with the largest signature take 2 arguments, while the median is 0.

Largest function has 8 statements in it, while the median is 5.

The most complex function has a cyclomatic complexity value of 3 while the median is 1.



(https://github.com/jshint/j

version 2.13.6

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```
questionScreen.style.display = 'block';
58
59
              displayQuestion(currentQuestion);
60
          } else {
61
              alert('Please enter a username to start the quiz.');
62
63
      }
64
65
      // Function to display a question and its options
66
      function displayQuestion(questionIndex) {
67
          if (questionIndex < questions.length) {</pre>
68
              const questionData = questions[questionIndex];
69
              const optionsHTML = questionData.options.map((option, index) => `
70
71
                      <input type="radio" name="q${questionIndex}" value="${option}">
72
73
                  </label>
74
                   <br>
75
              `).join('');
76
77
              questionScreen.innerHTML = `
78
                  <h2>Ouestion ${questionIndex + 1}:</h2>
79
                  ${questionData.question}
80
                  ${optionsHTML}
81
                  <button id="nextQuestion">Next</button>
82
83
84
              const nextButton = document.getElementById('nextOuestion');
85
              nextButton.addEventListener('click', () => {
86
                  const selectedOption = document.querySelector(`input[name=q${questionIndex}]:c
87
                  if (selectedOption) {
88
                      if (selectedOption.value === questionData.answer) {
89
                          score++;
90
91
                      currentQuestion++;
                      displayQuestion(currentQuestion);
92
93
94
              });
95
          } else {
96
              showResult();
97
98
      }
99
100
      // Function to display the result screen
101
      function showResult() {
102
          questionScreen.style.display = 'none';
          resultScreen.style.display = 'block';
103
104
          usernameDisplay.textContent = `Username: ${username}`;
105
          scoreDisplay.textContent = `Score: ${score} out of ${questions.length}`;
106
      }
107
108
      // Start the quiz
      document.addEventListener('DOMContentLoaded', () => {
109
          startButton.disabled = true;
110
111
          usernameInput.addEventListener('input', () => {
              startButton.disabled = usernameInput.value === '';
112
113
          });
114
      });
115
      // Event listener for reset button
116
```

## Metrics

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```
resetButton.addEventListener('click', () => {
117
          startScreen.style.display = 'block';
118
119
          questionScreen.style.display = 'none';
          resultScreen.style.display = 'none';
120
          usernameInput.value = '';
121
          username = '';
122
123
          score = 0;
          currentQuestion = 0;
124
          startButton.disabled = true;
125
126
      });
127
```

## Metrics

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