

```

1  /*jshint esversion: 6 */
2
3  const question = document.querySelector("#advancedqs");
4  const options = Array.from(document.querySelectorAll(".optionsal"));
5  const questionTracker = document.querySelector("#trackqs");
6  const pointsTracker = document.querySelector("#points");
7  const directoryQuestionsMax = 5;
8  const individualPoints = 15;
9  const penaltyPoints = 5;
10
11  const startQuiz = () => {
12    questionCounter = 0;
13    tally = 0;
14    directoryQuestions = [...listOfQuestions];
15    console.log(directoryQuestions);
16    fetchNextQuestion();
17  };
18
19  /**
20   * This presents new question to user once answering the current question.
21   * The questions are randomise using the Math.floor(Math.random()) method.
22   */
23  const fetchNextQuestion = () => {
24    if (directoryQuestions.length === 0 || questionCounter > directoryQuestionsMax) {
25      localStorage.setItem("totalPoints", tally);
26      window.location.assign("https://solacoder005.github.io/ba-mi-soro/quiz-end.html");
27    }
28
29    questionCounter++;
30    questionTracker.innerHTML = questionCounter + "/" + directoryQuestionsMax;
31
32    let questionIndex;
33    questionIndex = Math.floor(Math.random() * directoryQuestions.length);
34    liveQuestion = directoryQuestions[questionIndex];
35    question.innerHTML = liveQuestion.question;
36
37    options.forEach( option => {
38      const number = option.dataset.number;
39      option.innerHTML = liveQuestion['option' + number];
40    });
41
42    directoryQuestions.splice(questionIndex, 1);
43    monitoringAnswers = true;
44  };
45
46  let liveQuestion = {};
47  let monitoringAnswers = false;
48  let tally = 0; let questionCounter = 0;
49  let directoryQuestions = [];
50  let pointsIncrease = {};
51  let pointsDecrease = {};
52
53  let listOfQuestions = [
54    {
55      question: "Question: Where did Ade go to in town?",
56      option1: "Market",
57      option2: "Church",
58      option3: "Salon",
59      option4: "Library",
60      answer: 1
61    },
62    {
63      question: "Question: How many chickens and yams did Ade buy?",
64      option1: "Twelve chickens and four yams",
65      option2: "Four chickens and nineteen yams",
66      option3: "One chicken and 5 yams",
67      option4: "Two chickens and three yams",
68      answer: 4
69    },
70    {
71      question: "Question: How did grace say she was?",
72      option1: "Grace said she was tierd",
73      option2: "Grace said she was angry",
74      option3: "Grace said she was fine",
75      option4: "Grace said she was sleepy",
76      answer: 3
77    },
78    {
79      question: "Question: Where was Ade going after the town, before she met Grace?",
80      option1: "Ade was going to her friend's house",
81      option2: "Ade was going home",
82      option3: "Ade was going to the moon and back",
83      option4: "Ade was going to school",
84      answer: 2
85    },
86    {
87      question: "Question: What did Ade ask Grace when they met?",
88      option1: "How old are you?",
89      option2: "What's your name?",
90      option3: "How are you?",
91      option4: "Where are you going?",
92      answer: 3
93    }
94  ];
95
96  options.forEach(option => {
97    option.addEventListener('click', e => {
98      if(!monitoringAnswers) return;
99
100     monitoringAnswers = false;
101
102     const selectedOption = e.target;
103     const selectedAnswer = selectedOption.dataset.number;
104     const classToApply =

```

CONFIGURE

## Metrics

There are 8 functions in this file.

Function with the largest signature take 1 arguments, while the median is 1.

Largest function has 12 statements in it, while the median is 2.

The most complex function has a cyclomatic complexity value of 4 while the median is 1.

(<https://github.com/jshint/j>)

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version 2.13.0

```

105     selectedAnswer == liveQuestion.answer ? "right" : "wrong";
106     if (classToApply === "right") {
107         pointsIncrease(individualPoints);
108     } else {
109         pointsDecrease(penaltyPoints);
110     }
111
112     selectedOption.parentElement.classList.add(classToApply);
113     setTimeout(() => {
114         selectedOption.parentElement.classList.remove(classToApply);
115         fetchNextQuestion();
116     }, 500);
117     });
118 });
119
120 pointsIncrease = num => {
121     tally += num;
122     pointsTracker.innerHTML = tally;
123 };
124
125 pointsDecrease = num => {
126     tally -= num;
127     pointsTracker.innerHTML = tally;
128 };
129
130 startQuiz();

```

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