

```

1  /*jshint esversion: 6 */
2
3  const question = document.getElementById("advancedqs");
4  const options = Array.from(document.getElementsByClassName("optionsal"));
5  const questionTracker = document.getElementById('trackqs');
6  const pointsTracker = document.getElementById('points');
7  const directoryQuestionsMax = 5;
8  const individualPoints = 15;
9  const penaltyPoints = 5;
10
11  let liveQuestion = {};
12  let monitoringAnswers = false; //false value used so users can not pick answer before page
13  let tally = 0;
14  let questionCounter = 0;
15  let directoryQuestions = [];
16  let fetchNextQuestion = {};
17  let startQuiz = {};
18  let pointsIncrease = {};
19  let pointsDecrease = {};
20
21  let listOfQuestions = [
22    {
23      question:"Question: Where did Ade go to in town?",
24      option1:"Market",
25      option2:"Church",
26      option3:"Salon",
27      option4:"Library",
28      answer: 1
29    },
30    {
31      question:"Question: How many chickens and yams did Ade buy?",
32      option1:"Twelve chickens and four yams",
33      option2:"Four chickens and nineteen yams",
34      option3:"One chicken and 5 yams",
35      option4:"Two chickens and three yams",
36      answer: 4
37    },
38    {
39      question:"Question: How did grace say she was?",
40      option1:"Grace said she was tierd",
41      option2:"Grace said she was angry",
42      option3:"Grace said she was fine",
43      option4:"Grace said she was sleepy",
44      answer: 3
45    },
46    {
47      question:"Question: Where was Ade going after the town, before she met Grace?",
48      option1:"Ade was going to her friend's house",
49      option2:"Ade was going home",
50      option3:"Ade was going to the moon and back",
51      option4:"Ade was going to school",
52      answer: 2
53    },
54    {
55      question:"Question: What did Ade ask Grace when they met?",
56      option1:"How old are you?",
57      option2:"What's your name?",
58      option3:"How are you?",
59      option4:"Where are you going?",
60      answer: 3
61    }
62  ];
63
64  startQuiz = () => {
65    questionCounter = 0;
66    tally = 0;
67    directoryQuestions = [...listOfQuestions];
68    console.log(directoryQuestions);

```

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 11 statements in it, while the median is 2.

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



version 2.13.0

([https://github.com/jshint/j](https://github.com/jshint/jshint)

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```

69     fetchNextQuestion();
70 };
71
72 fetchNextQuestion = () => {
73     if (directoryQuestions.length === 0 || questionCounter > directoryQuestionsMax) {
74         localStorage.setItem("totalPoints", tally); //allows points to appear on the respec
75         window.location.assign("https://solacoder005.github.io/ba-mi-soro/quiz-end.html");/.
76     }
77
78     questionCounter++;
79     questionTracker.innerHTML = questionCounter + "/" + directoryQuestionsMax; //questio
80     const questionIndex = Math.floor(Math.random() * directoryQuestions.length); //this al
81     liveQuestion = directoryQuestions[questionIndex];
82     question.innerHTML = liveQuestion.question;
83
84     options.forEach( option => {
85         const number = option.dataset.number;
86         option.innerHTML = liveQuestion['option' + number];
87     });
88
89     directoryQuestions.splice(questionIndex, 1); //removes the question that is used
90     monitoringAnswers = true; //corrolates with initial variable value (above)
91 };
92
93 options.forEach(option => {
94     option.addEventListener('click', e => {
95         if(!monitoringAnswers) return;
96
97         monitoringAnswers = false; // this tracks which answer is clicked in the console
98
99         const selectedOption = e.target;
100         const selectedAnswer = selectedOption.dataset.number;
101         const classToApply =
102             selectedAnswer == liveQuestion.answer ? "right" : "wrong"; //using == rather than
103             if (classToApply === "right") {
104                 pointsIncrease(individualPoints);
105             } else {
106                 pointsDecrease(penaltyPoints);
107             }
108
109         selectedOption.parentElement.classList.add(classToApply); //classList.add is shorthand
110         setTimeout(() => {
111             selectedOption.parentElement.classList.remove(classToApply);
112             fetchNextQuestion();
113         }, 500);
114     });
115 });
116
117 pointsIncrease = num => {
118     tally += num;
119     pointsTracker.innerHTML = tally;
120 };
121
122 pointsDecrease = num => {
123     tally -= num;
124     pointsTracker.innerHTML = tally;
125 };
126
127 startQuiz();
128
129 /** DEVELOPER NOTES
130  * 'jshint eversion...' tells JavaScript checkers like JSHint that source code uses 'ECMAS
131  * Reference material:
132  * J. Q. Quick, 2019 [https://youtube.com/playlist?list=PLD1Wc9AfQBfZIKdVa0QXi1tizJeNJi
133  */

```

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