

### 3. Online Quiz with Timer

```
const questions = [  
  {  
    questionText: "What is the capital of India?",  
    options: ["Delhi", "Mumbai", "Chennai", "Kolkata"],  
    correctAnswer: "Delhi"  
  },  
  {  
    questionText: "Which planet is known as the Red Planet?",  
    options: ["Earth", "Mars", "Venus", "Saturn"],  
    correctAnswer: "Mars"  
  },  
  {  
    questionText: "What is 5 + 3?",  
    options: ["6", "7", "8", "9"],  
    correctAnswer: "8"  
  }  
];  
  
function startTimer(seconds) {  
  let timeLeft = seconds;  
  
  const timer = setInterval(() => {  
    console.log(`Time left: ${timeLeft}s`);
```

```
timeLeft--;

    if (timeLeft < 0) {

        clearInterval(timer);

        console.log("Time's up!");

    }

}, 1000);

}

const userAnswers = [];

function answerQuestion(index, answer) {

    const question = questions[index];

    if (!question) {

        console.log("Invalid question index");

        return;

    }

    const isCorrect = answer === question.correctAnswer;

    userAnswers[index] = isCorrect;

    if (isCorrect) {

        console.log("Correct!");

    } else {

        console.log(`Wrong. Correct answer is: ${question.correctAnswer}`);

    }

}
```

```
function getScore() {  
  let score = 0;  
  
  for (let i = 0; i < userAnswers.length; i++) {  
    if (userAnswers[i]) {  
      score++;  
    }  
  }  
  
  return score;  
}  
  
startTimer(20);  
  
answerQuestion(0, "Delhi");  
  
answerQuestion(1, "Venus");  
  
answerQuestion(2, "8");  
  
console.log(" Final Score:", getScore());
```

**Output:-**

Correct!	<a href="#">ex1.js:47</a>
Wrong. Correct answer is: Mars	<a href="#">ex1.js:49</a>
Correct!	<a href="#">ex1.js:47</a>
Final Score: 2	<a href="#">ex1.js:69</a>
Time left: 20s	<a href="#">ex1.js:24</a>
Time left: 19s	<a href="#">ex1.js:24</a>
Time left: 18s	<a href="#">ex1.js:24</a>
Time left: 17s	<a href="#">ex1.js:24</a>
Time left: 16s	<a href="#">ex1.js:24</a>
Time left: 15s	<a href="#">ex1.js:24</a>
Time left: 14s	<a href="#">ex1.js:24</a>
Time left: 13s	<a href="#">ex1.js:24</a>
Time left: 12s	<a href="#">ex1.js:24</a>
Time left: 11s	<a href="#">ex1.js:24</a>
Time left: 10s	<a href="#">ex1.js:24</a>
Time left: 9s	<a href="#">ex1.js:24</a>
Time left: 8s	<a href="#">ex1.js:24</a>
Time left: 7s	<a href="#">ex1.js:24</a>
Time left: 6s	<a href="#">ex1.js:24</a>
Time left: 5s	<a href="#">ex1.js:24</a>
Time left: 4s	<a href="#">ex1.js:24</a>
Time left: 3s	<a href="#">ex1.js:24</a>
Time left: 2s	<a href="#">ex1.js:24</a>
Time left: 1s	<a href="#">ex1.js:24</a>
Time left: 0s	<a href="#">ex1.js:24</a>
Time's up!	<a href="#">ex1.js:29</a>

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