<!DOCTYPE html>

<html>

<head>

<title>Bonus Time! 시간 감각 퀴즈</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 0;

padding: 20px;

background-color: #f1f1f1;

}

#quiz-container {

background-color: #fff;

border-radius: 8px;

padding: 20px;

margin-bottom: 20px;

}

h2 {

text-align: center;

color: #333;

}

#time-guess {

text-align: center;

margin-bottom: 20px;

}

#time-guess p {

margin: 0;

}

#start-button,

#finish-button,

#reset-button {

/\* 새로 추가된 초기화 버튼 스타일 \*/

display: block;

width: 100%;

padding: 10px;

margin-bottom: 10px;

font-size: 16px;

font-weight: bold;

text-align: center;

background-color: #4caf50;

color: #fff;

border: none;

border-radius: 4px;

cursor: pointer;

}

#start-button:hover,

#finish-button:hover,

#reset-button:hover {

/\* 새로 추가된 초기화 버튼 스타일 \*/

background-color: #45a049;

}

#result {

margin-top: 20px;

}

#result p {

margin: 10px 0;

}

#score-container {

background-color: #fff;

border-radius: 8px;

padding: 20px;

text-align: center;

}

#score-container p {

margin: 10px 0;

}

#banner {

background-color: #333;

color: #fff;

padding: 20px;

text-align: center;

}

</style>

</head>

<body>

<div id="quiz-container" style="width: 33%; margin: 0 auto">

<h2>Bonus Time! 시간감각퀴즈!</h2>

<div id="time-guess">

<p>'시작'과 '종료'버튼을 눌러 초를 짐작하기</p>

<span id="time-to-guess"></span>초를 세어보세요.

</div>

<button id="start-button">시작</button>

<button id="finish-button">종료</button>

<button id="reset-button">초기화</button>

<!-- 초기화 버튼 추가 -->

<div id="result">

<p>짐작 시간: <span id="predict-time"></span>초</p>

<p>실제 시간: <span id="actual-time"></span>초</p>

<p>시간 차이: <span id="time-difference"></span>초</p>

</div>

</div>

<div id="score-container" style="width: 33%; margin: 0 auto">

<p>기회: <span id="whole-opportunity"></span></p>

<p>

맞춘 문제 / 총 시도: <span id="correct-answers">0</span> /

<span id="tries">0</span>

</p>

<p>정답률: <span id="accuracy"></span>%</p>

</div>

<div id="banner" style="width: 33%; margin: 0 auto">

<p>"Math is Perception!"</p>

</div>

<script>

var timeToGuess = document.getElementById("time-to-guess");

var actualTime = document.getElementById("actual-time");

var startButton = document.getElementById("start-button");

var finishButton = document.getElementById("finish-button");

var resetButton = document.getElementById("reset-button");

var timePrediction = document.getElementById("predict-time");

var timeDifference = document.getElementById("time-difference");

var startTime, endTime;

var totalQuestions = 5;

var previousTime = null;

document.getElementById("whole-opportunity").textContent = totalQuestions;

var number\_of\_tries = 0;

var correct\_count = 0;

function getRandomTime() {

var time = Math.floor(Math.random() \* 10) + 1;

while (time === previousTime) {

time = Math.floor(Math.random() \* 10) + 1;

}

previousTime = time;

return time;

}

startButton.addEventListener("click", function () {

if (totalQuestions > 0) {

number\_of\_tries++;

var targetTime = getRandomTime();

timeToGuess.textContent = targetTime;

startTime = new Date().getTime();

totalQuestions--;

} else {

alert("퀴즈가 종료되었습니다. 새로고침하여 다시 시작해주세요.");

}

});

finishButton.addEventListener("click", function () {

endTime = new Date().getTime();

var period = (endTime - startTime) / 1000;

actualTime.textContent = Math.round(period);

timeDifference.textContent = Math.abs(

(parseInt(timeToGuess.textContent) - period).toFixed(0)

);

if (timeToGuess.textContent == actualTime.textContent) {

correct\_count++;

}

timePrediction.textContent = Math.round(timeToGuess.textContent);

var accuracy = ((correct\_count / number\_of\_tries) \* 100).toFixed(1);

document.getElementById("correct-answers").textContent = correct\_count;

document.getElementById("tries").textContent = number\_of\_tries;

document.getElementById("accuracy").textContent = accuracy;

});

resetButton.addEventListener("click", function () {

totalQuestions = 5;

number\_of\_tries = 0;

correct\_count = 0;

document.getElementById("whole-opportunity").textContent =

totalQuestions;

document.getElementById("correct-answers").textContent = correct\_count;

document.getElementById("tries").textContent = number\_of\_tries;

document.getElementById("accuracy").textContent = "";

timeToGuess.textContent = "";

actualTime.textContent = "";

timeDifference.textContent = "";

timePrediction.textContent = "";

previousTime = null;

});

</script>

</body>

</html>