<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Interactive Quiz Application</title>

<style>

body {

background-image: url('https://i.pinimg.com/originals/70/c4/f6/70c4f6ccba510995bcfcd87fd0704191.jpg');

background-size: cover;

background-position: center;

background-repeat: no-repeat;

color: white;

text-shadow: 1px 1px 2px black;

font-family: Arial, sans-serif;

display: flex;

flex-direction: column;

align-items: center;

justify-content: center;

padding: 20px;

box-sizing: border-box;

}

h1 {

background-color: rgba(0, 0, 0, 0.5); /\* Optional: Makes the title readable \*/

padding: 20px;

border-radius: 10px;

}

</style>

</head>

<body>

<h1>Interactive Quiz Application</h1>

<script>

const quizQuestions = [

{

question: "What is the studio name that animated dragon ball?",

options: ["mappa ", "toei", "madhouse", "wit"],

correctAnswer: "toei"

},

{

question: "who is the main character of dragon ball ?",

options: ["goku", "frieza", "krillin", "vegeta"],

correctAnswer: "goku"

},

{

question: "What is the other saiyan name of goku?",

options: ["kakarot", "vegeta", "broly", "monkey"],

correctAnswer: "kakarot"

}

];

let userAnswers = [];

let score = 0;

function startQuiz() {

const userName = prompt("Welcome to the Quiz! Please enter your name:");

if (userName) {

alert(`Welcome, ${userName}! Let's begin the quiz.`);

displayQuestion(0);

} else {

alert("Please enter your name to start the quiz.");

}

}

function displayQuestion(index) {

if (index < quizQuestions.length) {

const questionData = quizQuestions[index];

const userResponse = prompt(

`${index + 1}. ${questionData.question}\n\n${questionData.options.join('\n')}`

);

if (userResponse) {

userAnswers.push(userResponse);

validateAnswer(userResponse, questionData.correctAnswer, index);

} else {

alert("Please select an answer.");

displayQuestion(index);

}

} else {

endQuiz();

}

}

function validateAnswer(userResponse, correctAnswer, index) {

if (userResponse === correctAnswer) {

alert("Correct answer!");

score++;

} else {

alert(`Incorrect answer. The correct answer is: ${correctAnswer}`);

}

displayQuestion(index + 1);

}

function endQuiz() {

alert(`Quiz completed! Your final score is: ${score}/${quizQuestions.length}`);

}

startQuiz();

</script>

</body>

</html>