// Sample quiz data

const quizData = [

{ question: "What is 2 + 2?", answer: "4" },

{ question: "What is the capital of France?", answer: "Paris" }

];

let weakAreas = [];

// Start quiz

document.getElementById('start-quiz').addEventListener('click', () => {

quizData.forEach((q, index) => {

const userAnswer = prompt(q.question);

if (userAnswer !== q.answer) {

weakAreas.push(`Question ${index + 1}: ${q.question}`);

}

});

updateWeakAreas();

});

// Update weak areas

function updateWeakAreas() {

const weakAreasElement = document.getElementById('weak-areas');

if (weakAreas.length > 0) {

weakAreasElement.textContent = weakAreas.join(', ');

} else {

weakAreasElement.textContent = "No weak areas identified!";

}

}

// AI Feedback Integration (OpenAI API Example)

async function getAIResponse(prompt) {

const apiKey = 'YOUR\_OPENAI\_API\_KEY';

const response = await fetch('https://api.openai.com/v1/completions', {

method: 'POST',

headers: {

'Content-Type': 'application/json',

'Authorization': `Bearer ${apiKey}`

},

body: JSON.stringify({

model: "text-davinci-003",

prompt: prompt,

max\_tokens: 150

})

});

const data = await response.json();

return data.choices[0].text.trim();

}

// Example usage of AI feedback

document.getElementById('ai-feedback').addEventListener('click', async () => {

const prompt = "The student answered '3' for 'What is 2 + 2?'. Provide feedback.";

const feedback = await getAIResponse(prompt);

alert(feedback);

});