const questions = [

{

text: "How do you best remember new information?",

options: [

{ text: "See it in a chart or diagram", type: "visual" },

{ text: "Hear it explained", type: "auditory" },

{ text: "Read or write it", type: "reading" },

{ text: "Do a hands-on activity", type: "kinesthetic" }

]

},

{

text: "What's your favorite way to study?",

options: [

{ text: "Watch videos or look at visuals", type: "visual" },

{ text: "Listen to recordings or lectures", type: "auditory" },

{ text: "Take notes and review them", type: "reading" },

{ text: "Practice with exercises or labs", type: "kinesthetic" }

]

},

{

text: "When giving directions, you prefer to:",

options: [

{ text: "Draw a map", type: "visual" },

{ text: "Explain out loud", type: "auditory" },

{ text: "Write them step-by-step", type: "reading" },

{ text: "Physically walk someone through it", type: "kinesthetic" }

]

},

{

text: "In class, you prefer:",

options: [

{ text: "Charts, graphs, slides", type: "visual" },

{ text: "Group discussions", type: "auditory" },

{ text: "Textbooks and handouts", type: "reading" },

{ text: "Experiments or role play", type: "kinesthetic" }

]

},

{

text: "To relax, you often:",

options: [

{ text: "Watch something", type: "visual" },

{ text: "Listen to music", type: "auditory" },

{ text: "Read a book", type: "reading" },

{ text: "Go for a walk or do something physical", type: "kinesthetic" }

]

}

];

let current = 0;

let scores = {

visual: 0,

auditory: 0,

reading: 0,

kinesthetic: 0

};

function loadQuestion() {

if (current >= questions.length) {

showResult();

return;

}

const q = questions[current];

document.getElementById("question").textContent = q.text;

const optionsDiv = document.getElementById("options");

optionsDiv.innerHTML = "";

q.options.forEach((opt) => {

const btn = document.createElement("button");

btn.textContent = opt.text;

btn.onclick = () => {

scores[opt.type]++;

current++;

loadQuestion();

};

optionsDiv.appendChild(btn);

});

}

function showResult() {

const resultDiv = document.getElementById("result");

document.getElementById("quiz").style.display = "none";

resultDiv.style.display = "block";

const bestType = Object.entries(scores).reduce((a, b) => a[1] > b[1] ? a : b)[0];

resultDiv.innerHTML = `

<h2>Your Learning Style is: ${bestType.toUpperCase()}</h2>

<p>You learn best through ${learningDescriptions[bestType]}.</p>

`;

}

const learningDescriptions = {

visual: "images, diagrams, and spatial understanding",

auditory: "hearing information and discussions",

reading: "reading and writing to absorb material",

kinesthetic: "hands-on activities and movement"

};

window.onload = loadQuestion;