document.getElementById('riskForm').addEventListener('submit', function(e) {

e.preventDefault();

const age = parseInt(document.getElementById('age').value);

const gender = document.getElementById('gender').value;

const race = document.getElementById('race').value;

const tc = parseInt(document.getElementById('tc').value);

const hdl = parseInt(document.getElementById('hdl').value);

const sbp = parseInt(document.getElementById('sbp').value);

const bpTreatment = document.getElementById('bpTreatment').value === 'yes';

const smoker = document.getElementById('smoker').value === 'yes';

const diabetes = document.getElementById('diabetes').value === 'yes';

// Simplified risk score logic

let riskScore = 1; // base 1%

if (gender === 'male') riskScore += 2;

if (race === 'africanAmerican') riskScore += 1.5;

if (smoker) riskScore += 3;

if (diabetes) riskScore += 2.5;

if (bpTreatment) riskScore += 1;

if (tc > 240) riskScore += 1.5;

if (hdl < 40) riskScore += 1;

if (sbp > 160) riskScore += 2;

const riskPercent = Math.min(riskScore, 100).toFixed(1);

let category = '';

let advice = '';

if (riskPercent < 5) {

category = "Low";

advice = "You're doing great! Keep up the healthy habits.";

} else if (riskPercent <= 7.5) {

category = "Borderline";

advice = "Talk to your doctor about lifestyle changes.";

} else if (riskPercent <= 20) {

category = "Intermediate";

advice = "Consider regular check-ups and improving diet/exercise.";

} else {

category = "High";

advice = "Consult a healthcare provider for a prevention plan.";

}

document.getElementById('riskPercent').textContent = riskPercent;

document.getElementById('riskCategory').textContent = category;

document.getElementById('riskAdvice').textContent = advice;

document.getElementById('result').classList.remove('hidden');

});