**1) Check if a triangle**

function triangleType(side1, side2, side3){

if((side1 == side2) && (side2 == side3)){

console.log("This triangle is equilateral.");

} else if((side1 == side2) || (side2 == side3) || (side1 == side3)){

console.log("This triangle is isosceles.");

} else {

console.log("This triangle is scalene.");

}

}

**2) Check if a number is odd or even in JavaScript**

console.log("Please enter a valid number: ");

let input;

let i = 0;

do {

if(i > 0){

input = Number(prompt("Invalid entry. Please enter a number."));

} else {

input = Number(prompt(""));

i++;

}

} while (isNaN(input));

if(input%2 == 0){

console.log("You entered an even number.");

} else {

console.log("You entered an odd number.")

}