//What is the syntax for the While loop in JavaScript?

// let a = 1;

// while (a <= 10) {

//     console.log(a);

//     a++;

// }

//What is the syntax for the For loop in JavaScript?

// for (let i = 1; i <= 10; i++) {

//     console.log(i);

// }

//What is a nested loop in JavaScript, and why would you use one?

// The Syntax for Nested loop in javascript –

// Outerloop

// {

// Innerloop

// {

// // statements to be execute inside inner loop

// }

// // statements to be execute inside outer loop

// }

// A nested Loop is a loop that is present inside another loop. Javascript supports the nested loop in javascript. The loop can have one or more or simply can have any number of loops defined inside another loop, and also can behave n level of nesting inside the loop.

//What is an infinite loop in JavaScript, and how can it be avoided?

// An infinite loop is a piece of code that keeps running forever as the terminating condition is never reached. An infinite loop can crash your program or browser and freeze your computer. To avoid such incidents it is important to be aware of infinite loops so that we can avoid them.

// How do you break out of two nested for loops?

// You can use a break statement with both for loops and while loops. In a nested loop, break will stop execution of the innermost loop. The flow of the program resumes at the next line of code immediately after the block.

// What is the difference between the break statement and the continue directive?

// Break statement stops the entire process of the loop. Continue statement only stops the current iteration of the loop. Break also terminates the remaining iterations.

//Can you stop a loop based on a specific condition?

// for (let a = 1; a <= 5; a++) {

//     console.log(a);

// }