

1. Html and script.js file and run a for loop on the data and print all the country names in the console. Answer:- In the HTML and JS file.

2. Write a write up on Difference between copy by value and copy by reference.

Answer:- In Call by value method original value is not modified whereas, in Call by reference method, the original value is modified. In Call by value, a copy of the variable is passed whereas in Call by reference, a variable itself is passed. In Call by value, actual and formal arguments will be created in different memory locations whereas in Call by reference, actual and formal arguments will be created in the same memory location. Call by value is the default method in programming languages like C++, PHP, Visual Basic NET, and C# whereas Call by reference is supported only in the Java language. Call by Value, variables are passed using a straightforward method whereas Call by Reference, pointers are required to store the address of variables.

3. How to copy by value a composite data type (array+objects).

Answer:- There are three ways To Copy By Value Any Composite Data Type In JavaScript -Use the spread (...) syntax. -Use the Object.assign() method. -Use the JSON.stringify() and JSON.parse() methods.