Task 2:

Q) Difference between copy by value and copy by reference?

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| --- | --- |
| All primitive data types are copy by value | All composite datatypes are copy by reference |

Q) How to do copy by value using composite datatypes?

Var objA = {a:1}

Var objB= objA;

objA = {a:2};

objB.a;

Q) print the total population of all the countries in the console. use the html template?

var request = new XMLHttpRequest();

request.open('GET','https://restcountries.eu/rest/v2/all',true);

request.send();

request.onload = function(){

    var data = JSON.parse(this.response);

    var count = 0;

    for(var i=0;i<data.length;i++)

    {

        count += data[i].population;

    }

    console.log(count);

}

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Rest API class</title>

</head>

<body>

<script src='script1.js'></script>

</body>

</html>