```
<!--
    Problem statement = W6

    Brief:
    2 input boxes, one button
    input can be 3#3#3 and 3#3#2

    no. of rows # no. of cols # starting value

    create 2 tables

    if starting value matches, print a third table (it will be identical to first
2)
    else create a third table by multiplying corresponding cell values

    the first row has each successive value incremented by 1
    the elements in each column are multiples of 2, 3 so on of the first value of
that column
-->


<!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>Document</title>
</head>
<body>

    <!--Input Fields and Button-->
    <label>Table 1: </label>
    <input type="text" id="table1"/>
    <br>
    <label>Table 2: </label>
    <input type="text" id="table2"/>
    <br>
    <br>
    <button type="button" id="createTable" onclick="create()">Create
Tables</button>

    <hr>

    <!--Table 1-->
    <table id="print1"></table>

    <hr>
```

```
<!--Table 2-->
<table id="print2"></table>

<hr>

<!--Table 3-->
<table id="print3"></table>



<script type="text/javascript">
    //<table><tr><td></td></tr></table>

    function printTable(printx, startx, rowx, colx){
        for (let i = 1; i <= rowx; i++) {

            printx.innerHTML += "<tr>";

            for (let j = 0; j < colx; j++) {

                var temp = (parseInt(startx)+j)*i ;
                printx.innerHTML += ("<td>" + temp +"</td>");

            }
            printx.innerHTML += "</tr>";
        }
    }

    function printTable2(printx, startx, rowx, colx){


        var tblBody = document.createElement("tbody");



        for (let i = 1; i <= rowx; i++) {

            var tr = document.createElement("tr");

            for (let j = 0; j < colx; j++) {

                var td = document.createElement("td");

                var temp = document.createTextNode((parseInt(startx)+j)*i) ;

                td.appendChild(temp);
                tr.appendChild(td);

            }
```

```
        tblBody.appendChild(tr);
    }

    printx.appendChild(tblBody);

}


function create() {
    // get access to input fields
    var table1 = document.getElementById("table1");
    var table2 = document.getElementById("table2");

    // extract num of rows
    var row1 = table1.value[0];
    var row2 = table2.value[0];

    // extract num of cols
    var col1 = table1.value[2];
    var col2 = table2.value[2];

    // extract start values
    var start1 = table1.value[4];
    var start2 = table2.value[4];

    // get access to output div
    var print1 = document.getElementById("print1");
    var print2 = document.getElementById("print2");
    var print3 = document.getElementById("print3");


    printTable2(print1, start1, row1, col1);
    printTable2(print2, start2, row2, col2);

    if(row1==row2 && col1==col2){

        if(start1 == start2){
            printTable(print3, start1, row1, col1);
        }
        else{
            var tblBody = document.createElement("tbody");

            for (let i = 1; i <= row1; i++) {

                var tr = document.createElement("tr");

                for (let j = 0; j < col1; j++) {

                    var td = document.createElement("td");
```

```
                            var temp1 = (parseInt(start1)+j)*i;
                            var temp2 = (parseInt(start2)+j)*i;

                            var temp = document.createTextNode(temp1*temp2) ;

                            td.appendChild(temp);
                            tr.appendChild(td);

                        }

                        tblBody.appendChild(tr);
                    }

                    print3.appendChild(tblBody);
                }
            }

            console.log(print1.innerHTML);
        }
    </script>

</body>
</html>
```