Experiment - 7

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Aim: Build JavaScript function that creates a table, accept row, column numbers from the user, and input row-column number as content (e.g. Row-0 Column-0) of a cell.
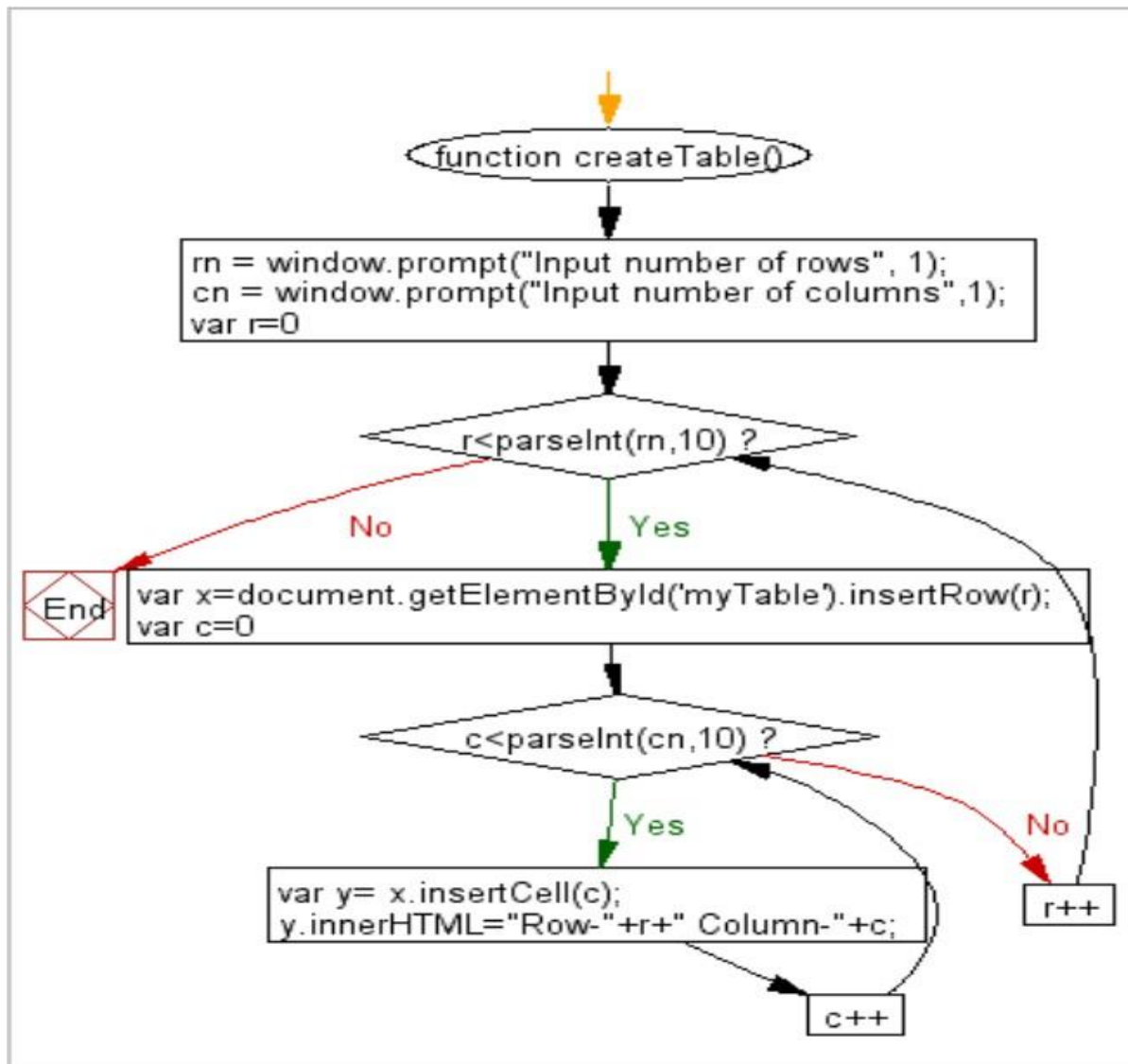
Solution:

HTML CODE:
```html
<!DOCTYPE html>
<html>
<head>
<meta charset=utf-8 />
<title>Create a table</title>
<style type="text/css">
body {margin: 30px;}
</style>
</head><body>
<table id="myTable" border="1">
</table><form>
<input type="button" onclick="createTable()" value="Create the table">
</form></body></html>
```

JavaScript Code:
```javascript
function createTable()
{
rn = window.prompt("Input number of rows", 1);
cn = window.prompt("Input number of columns",1);

 for(var r=0;r<parseInt(rn,10);r++)
  {
  var x=document.getElementById('myTable').insertRow(r);
  for(var c=0;c<parseInt(cn,10);c++)
   {
   var y= x.insertCell(c);
   y.innerHTML="Row-"+r+" Column-"+c;
   }
  }
}
```

Flowchart:

Output:


```javascript
function createTable()
{
rn = window.prompt("Input number of rows", 1);
cn = window.prompt("Input number of columns",1);

 for(var r=0;r<parseInt(rn,10);r++)
  {
   var x=document.getElementById('myTable').insertRow(r);
   for(var c=0;c<parseInt(cn,10);c++)
    {
     var y=  x.insertCell(c);
     y.innerHTML="Row-"+r+" Column-"+c;
    }
  }
}
```