

Lab5

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18BCE1010

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1. Krishnamoorthy Number

```
<html>
<head>
<script>
    function number(){
        //alert("Hi!");
        var n=document.getElementById("number").value;
        //document.write(n);
        var k=n;

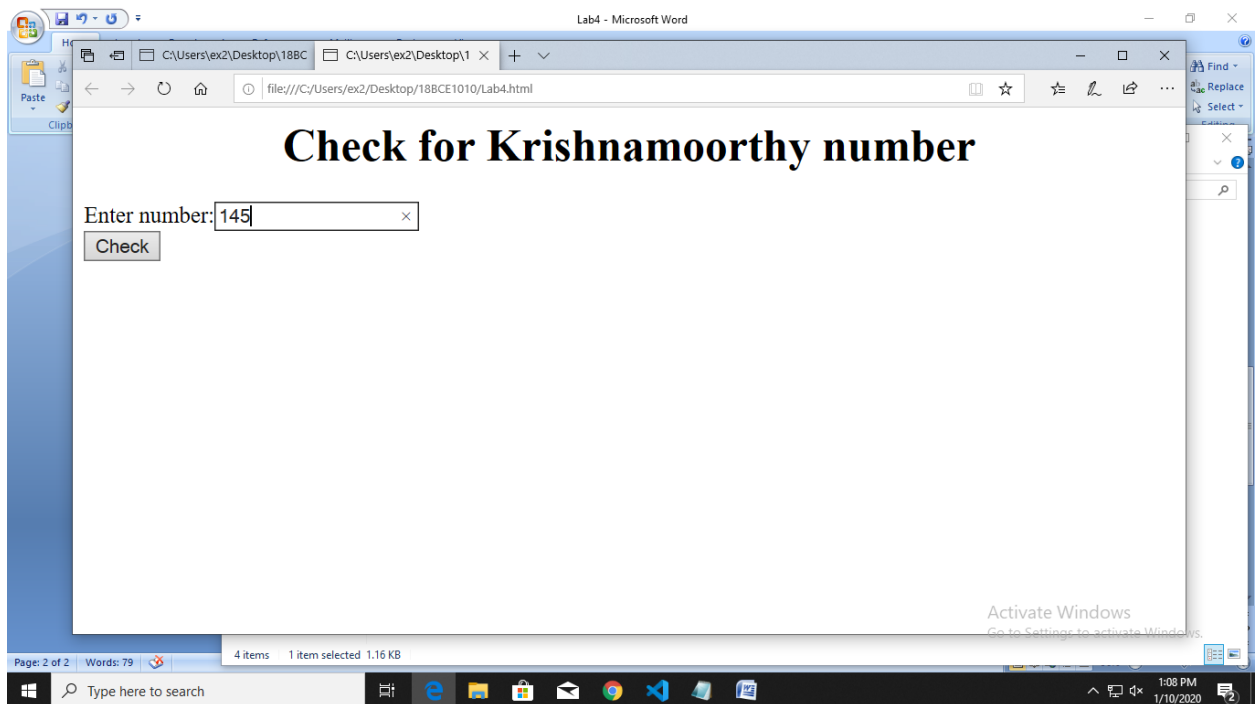
        var num=0;
        while (k!=0){
            var l=k%10;
            num+=fact(l);
            k=(k/10)>>0;
        }
        if (n==num){
            alert("Yes, your number is a Krishnamoorthy number");
        }
        else{
            alert("No,your number is not a Krishnamoorthy number");
        }
    }

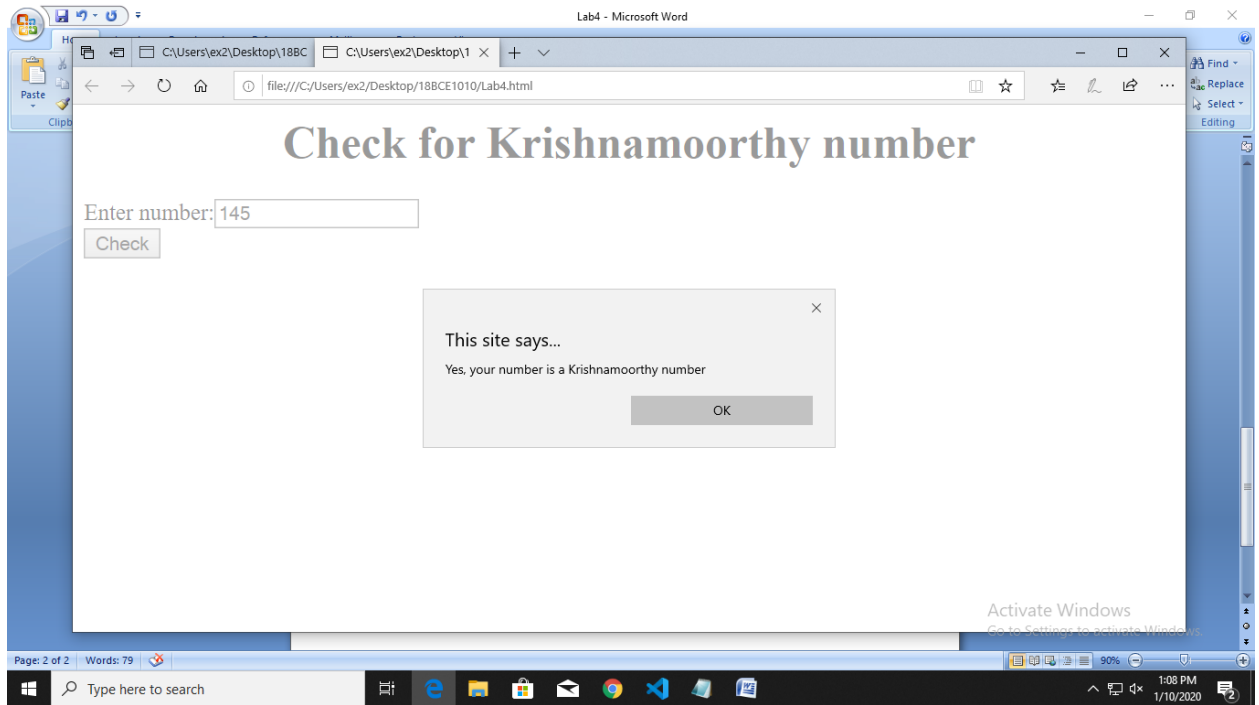
    function fact(n){
        if (n==1){
            return 1;
        }
        else{
            return n*fact(n-1);
        }
    }
}
```

```
</script>
</head>
<body>

    <h1><center>Check for Krishnamoorthy number</center></h1>
    Enter number:<input type="number" id="number">
    <br>
    <input type="button" value="Check" onclick="number()">

</body>
</html>
```





2. Calculator

```

<html>
  <head>
    <script>
      function calculate(){
        var val=document.getElementById("output").value;
        var o=eval(val);
        document.getElementById("output").value=o ;
      }
      function append(val){
        var num=document.getElementById("output").value+=val;
      }
    </script>
  </head>
  <body>
    <h1><center>Calculator</center></h1>

    <table >
      <tr>
        <td colspan="4"><input type="text" id="output"></td>
      </tr>
      <tr>

```

```
<td><input type="button" value="7" id="7" onclick="append('7')"></input></td>
<td><input type="button" value="8" id="8" onclick="append('8')"></input></td>
<td><input type="button" value="9" id="nine" onclick="append('9')"></input></td>
<td><input type="button" value="-" id="sub" onclick="append('-')"></input></td>
</tr>
<tr>
<td><input type="button" value="4" id="four" onclick="append('4')"></input></td>
<td><input type="button" value="5" id="five" onclick="append('5')"></input></td>
<td><input type="button" value="6" id="six" onclick="append('6')"></input></td>
<td><input type="button" value="+" id="add" onclick="append('+')"></input></td>
</tr>
<tr>
<td><input type="button" value="1" id="one" onclick="append('1')"></input></td>
<td><input type="button" value="2" id="two" onclick="append('2')"></input></td>
<td><input type="button" value="3" id="three" onclick="append('3')"></input></td>
<td><input type="button" value="x" id="mul" onclick="append('*')"></input></td>
</tr>
<tr>
<td><input type="button"></input></td>
<td><input type="button" value="0" id="zero" onclick="append('0')"></input></td>
<td><input type="button" value="=" id="equal" onclick="calculate()"></input></td>
<td><input type="button" value="/" id="div" onclick="append('/')"></input></td>
</tr>
</table>
</body>
</html>
```

