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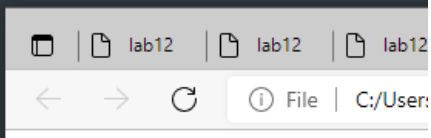
Lab 12 G.Dalaijamts

1.

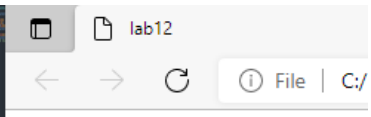
```html
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>lab12</title>
    <script type="text/javascript">
        var r=window.prompt("riadus : ");

        CircleArea(r);
        function CircleArea(r){
            var s=Math.PI*Math.pow(r,2);
            document.writeln("Talbai : "+s);}

    </script>
```



Talbai : 12.566370614359172

2.

```html
<script type="text/javascript">
        var time=window.prompt("Time : ");
        CalculateCharges(time);


    function CalculateCharges( time ){
        if(time<=3){
            document.writeln("Tulbur : 5000");
        }
        else if (time<24 && time>3){
            time=time-3;
            var tulbur=5000+time*1000;
            document.writeln("Tulbur : "+tulbur);
        }
        else if (time>=24){
            document.writeln("Uuchlaarai tanii
                zogsoh tsag hetersen baina !!");
        }
    }

    </script>
```



Tulbur : 6000

3.

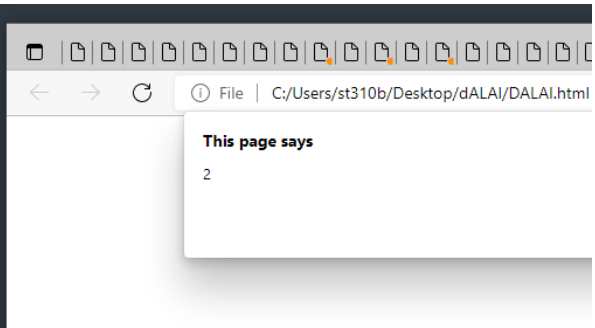
`

```
<script type="text/javascript">

     var s=distance(2,2,30,30);
    document.writeln(s);

    function distance(x1,y1,x2,y2){

        return Math.sqrt(Math.pow(x1-x2,2)+Math.pow(y1-y2,2));


    }


    </script>
```

4.

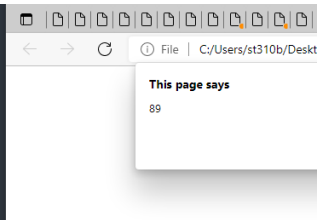
a) 1 ≤n ≤2

```
 <script type="text/javascript">

var random=Math.floor(Math.random()*2+1);

 window.alert(random);

     </script>

 </body>
 </html>
```



b) 1 ≤n ≤100

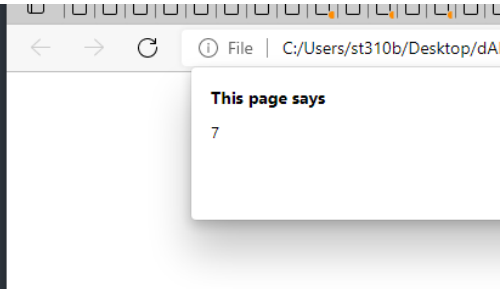
```
<script type="text/javascript">



window.alert(random(1,100));

function random(min,max){

   return Math.floor(Math.random()*(max-min+1)+min);
}

    </script>


</body>
</html>
```



`

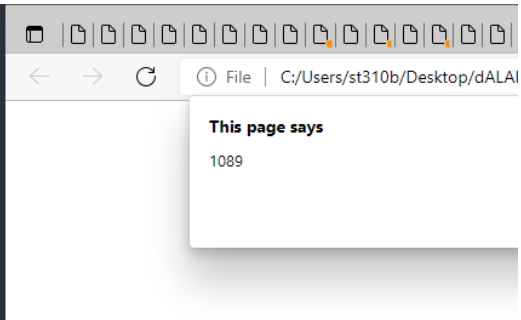
c) 0 ≤n ≤9

```
<script type="text/javascript">



window.alert(random(0,9));

function random(min,max){

   return Math.floor(Math.random()*(max-min+1)+min);
}

    </script>


</body>
</html>
```



d) 1000 ≤n ≤1112

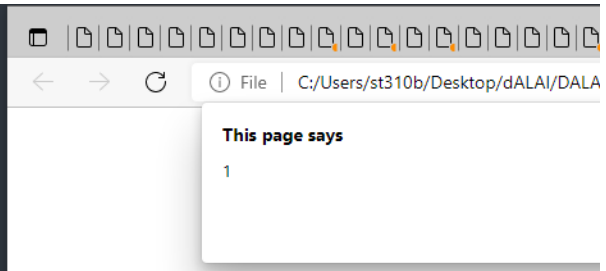
```
<script type="text/javascript">



window.alert(random(1000,1112));

function random(min,max){

   return Math.floor(Math.random()*(max-min+1)+min);
}

    </script>


</body>
</html>
```



e) –1 ≤n ≤1

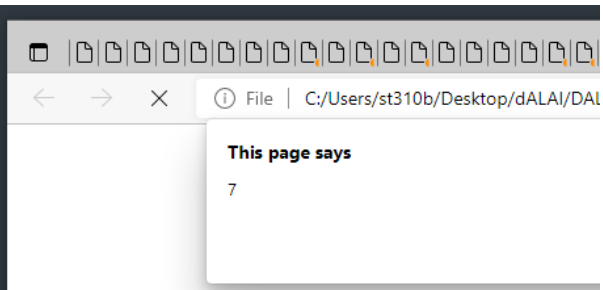
`

```
<script type="text/javascript">



window.alert(random(-1,1));

function random(min,max){

   return Math.floor(Math.random()*(max-min+1)+min);
}

    </script>


</body>
</html>
```



f) –3 ≤n ≤11

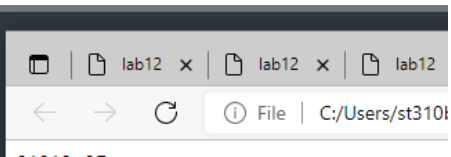
```
<script type="text/javascript">



window.alert(random(-3,11));

function random(min,max){

   return Math.floor(Math.random()*(max-min+1)+min);
}

    </script>


</body>
</html>
```



5.

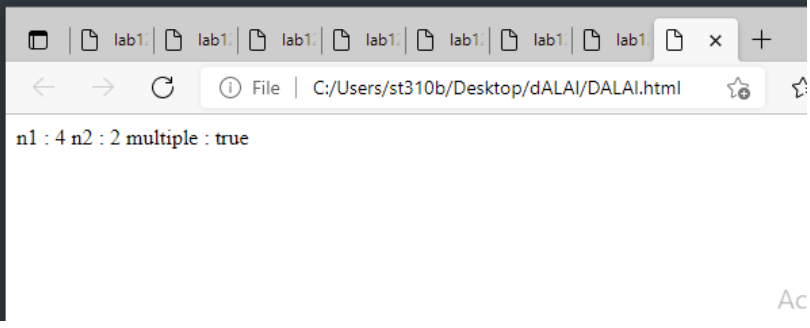
`

```
<script type="text/javascript">


    var base=window.prompt(" base");
    var exponent=window.prompt("exponent : ");
    integerPower(base, exponent);


    function integerPower( base, exponent ){
      var s=1;
      var str="";
      for (var i=1; i<=exponent; i++){
          s=s*base;
          if(i<exponent){
              str=str+base+"*";
          }
          else { str=str+base+"="}

      }

      document.writeln(str+s);

    }


  </script>
```



6.

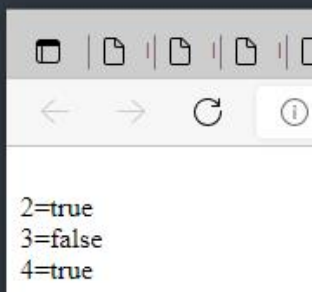
```
<script type="text/javascript">


    var n1=window.prompt("n1 : ");
    var n2=window.prompt("n2 : ");
   document.writeln("n1 : "+n1+"  n2 : "+n2+"     multiple : "+multiple(n1,n2));

   function multiple (a,b){
      var bln=false;
      if (a%b==0){ bln=true;}
      return bln;
   }


  </script>
```



7.

`

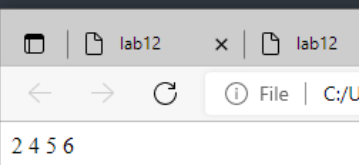
```
<script type="text/javascript">


var a=new Array(1000);

for (var i=0; i<=2; i++){
    a[i]=window.prompt("a["+i+"]");
}

isEven(a);


function isEven(a){

    for (var b=0; b<=2; b++){
        if(a[b]%2==0){
            var bl=true;
            document.write("<br>"+a[b]+"=true");
        }
        else {
            document.write("<br>"+a[b]+"=false");
        }
    }
}

```



8.

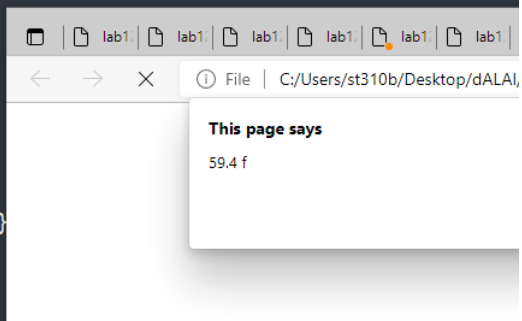
`

```
var n=window.prompt("n : ");
displayDigits(n);


function divide(a,b){
    return a/b;
}
function vld(a,b){
    return a%b;
}

function  displayDigits (n){
   var str="";
   str=str+vld(n,10);

   while (n>10){
   n=Math.floor(divide(n,10));
   str=vld(n,10)+" "+"  "+str;

  }

  document.writeln(str);

}
```



9.

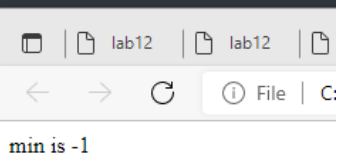
```
<script type="text/javascript">


var ForC=window.prompt("F to C or C to F :

if (ForC=="F to C"){
    celsius(window.prompt("f : "));
}
else {fahrenheit (window.prompt("c : ")); }



function celsius (f){
   window.alert( 5/9*(f-32)+" c");
}
function fahrenheit (c){
   c=parseFloat(c);
   window.alert(9/5 *(c+ 32)+" f");

}



   </script>
```



`

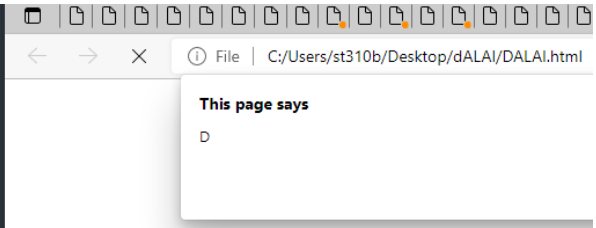
10.

```
<script type="text/javascript">


var a=new Array(1000);

for (var i=0; i<=2; i++){
    a[i]=parseFloat(window.prompt("a["+i+"]"));
}

minimum(...a);


function minimum(array){
    var min=Math.min(array);
     document.writeln("min is "+min);

}




    </script>
```



11.

```
<script type="text/javascript">


var point=window.prompt("Point");
qualityPoints ( point );

function qualityPoints ( point ){
   if (point>=90 && point<=100){
       window.alert("A");
   }
   else if (point<90 && point>=80){
       window.alert("B");
   }
       else if (point<80 && point>=70){
       window.alert("C");
   }
       else if (point<70 && point>=60){
       window.alert("D");
   }
       else if (point<60 ){
       window.alert("F");
   } }

   </script>
```



Activa
Go to S

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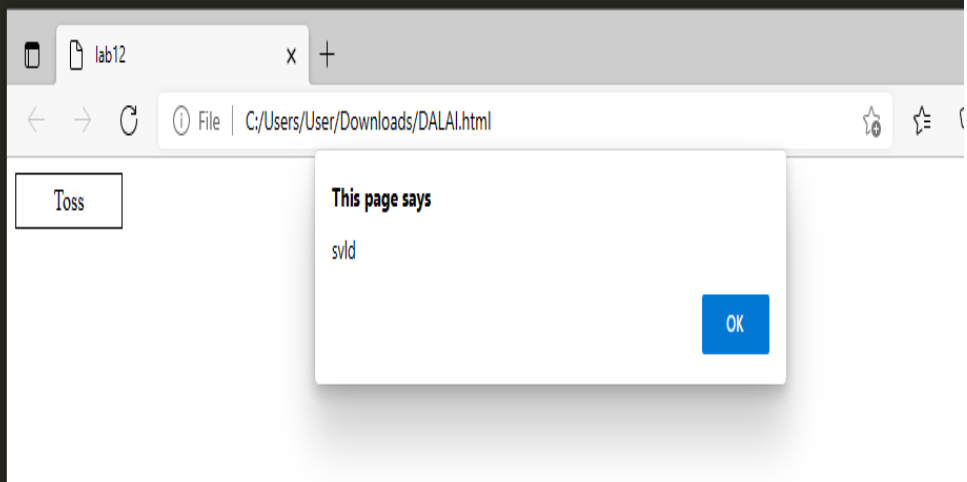
12.

```
</head>
<body>


<div id="zoos" style="width:100px;  border:1px solid black; text-align: center; padding-top: 5px; padding-bottom: 5px; " onclick="flip()">Toss</div>
<script type="text/javascript">
function  flip(){
    var zoos=Math.floor(Math.random()*2+1);
    if (zoos==1){ alert("zoos");
                  return false;}
    else {alert("svld");
          return true;} }


    </script>


</body>
</html>
```



<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>lab12</title>

</head>

<body>

Toss

<script type="text/javascript">

function flip(){

var zoos=Math.floor(Math.random()*2+1);

if (zoos==1){ alert("zoos");

return false;}

```
            else {alert("svld");
        return true;} }



            </script>


</body>
</html>
```