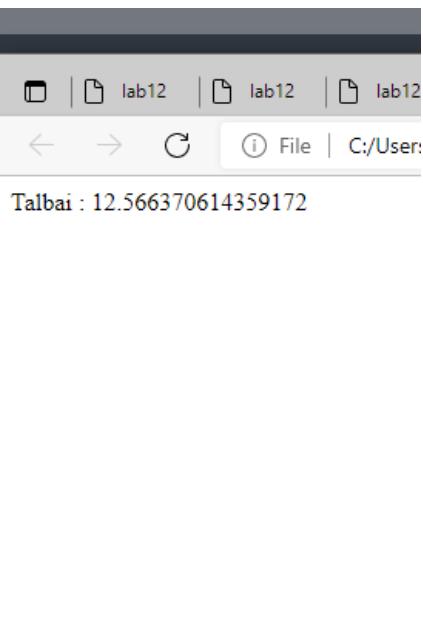


Lab 12 G.Dalaijamts

1.



DALAI.html

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

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

</script>
```

Talbai : 12.566370614359172

2.



```
<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) $1 \leq n \leq 2$

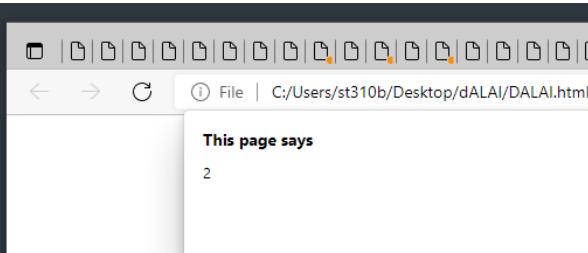
```
<script type="text/javascript">

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

    window.alert(random);

</script>

</body>
</html>
```



b) $1 \leq n \leq 100$

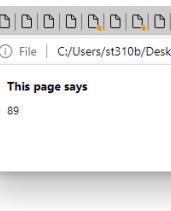
```
<script type="text/javascript">

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

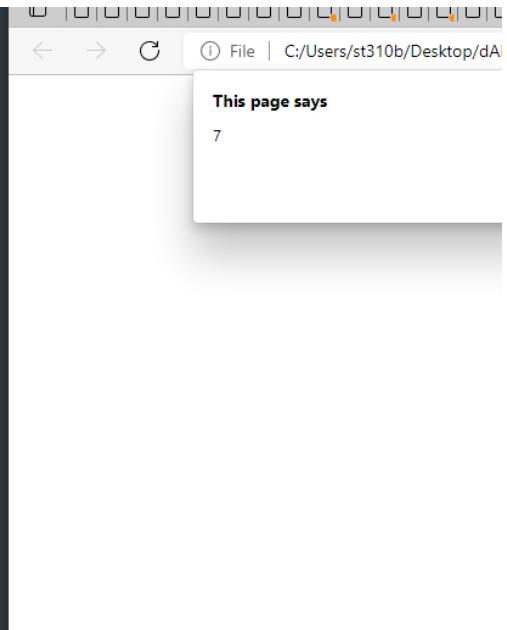
    function random(min,max){
        return Math.floor(Math.random()*(max-min+1)+min);
    }

</script>

</body>
</html>
```



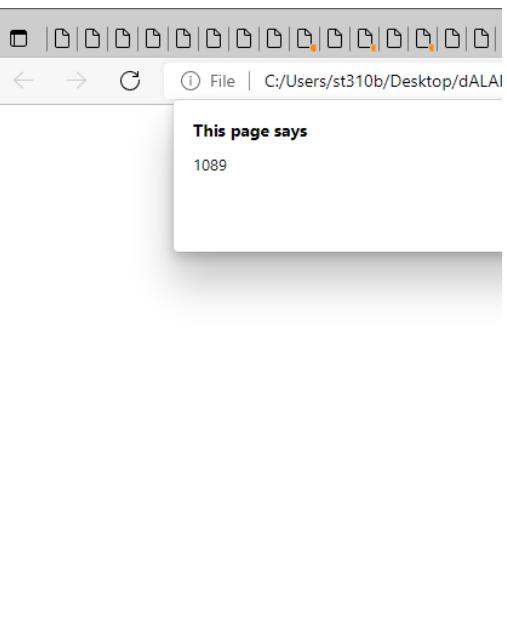
c) $0 \leq n \leq 9$



A screenshot of a web browser window. The address bar shows the path: C:/Users/st310b/Desktop/dA. The main content area displays the text "This page says" followed by the number "7".

```
5
6 <script type="text/javascript">
7
8
9
0
1
2 window.alert(random(0,9));
3
4 function random(min,max){
5
6     return Math.floor(Math.random()*(max-min+1)+min);
7 }
8
9 </script>
0
1
2 </body>
3 </html>
```

d) $1000 \leq n \leq 1112$

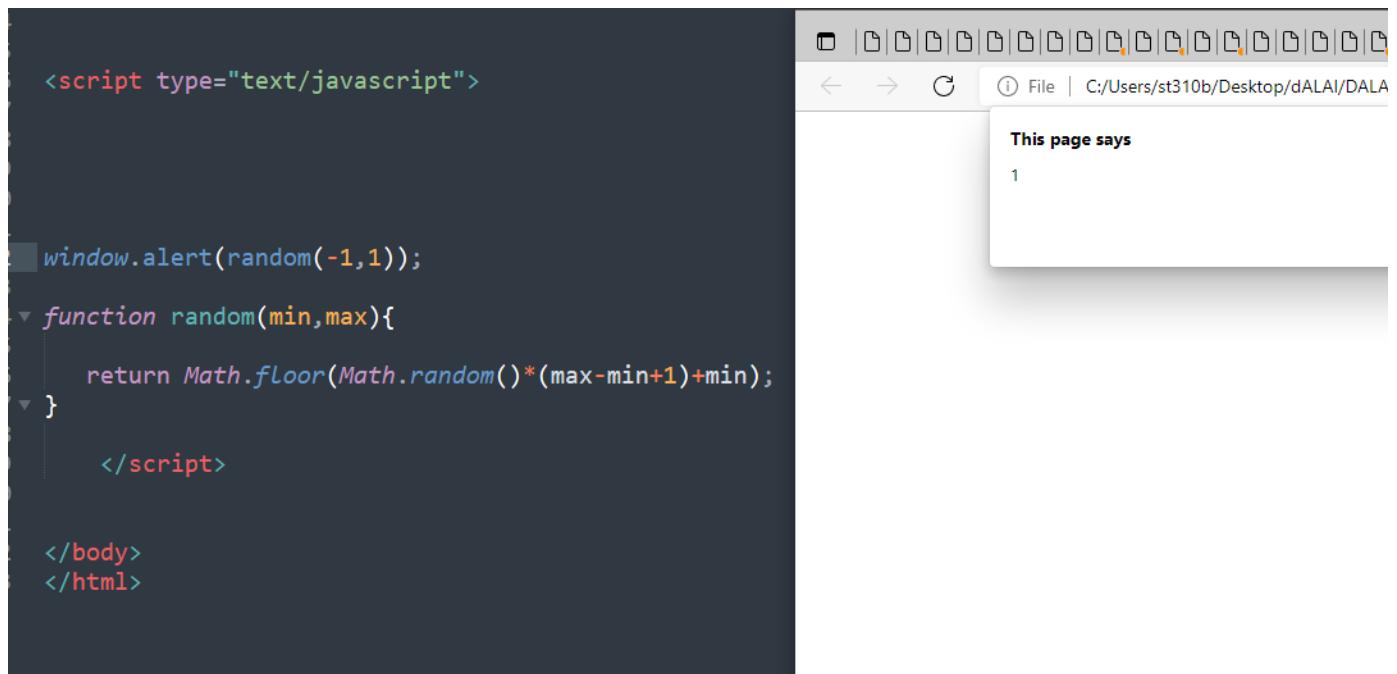


A screenshot of a web browser window. The address bar shows the path: C:/Users/st310b/Desktop/dALAI. The main content area displays the text "This page says" followed by the number "1089".

```
<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) $-1 \leq n \leq 1$

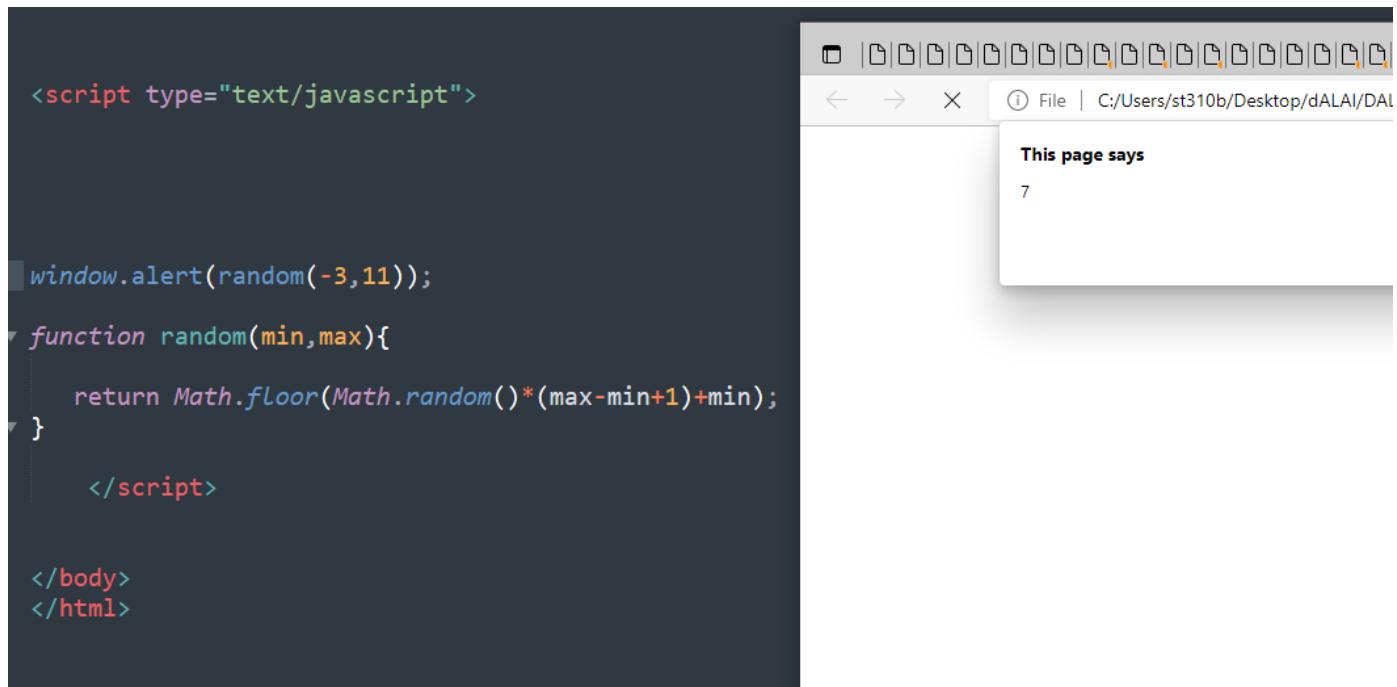


A screenshot of a web browser window. The address bar shows the file path: C:/Users/st310b/Desktop/dALAI/DALA. The main content area displays the following HTML code:

```
<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>
```

The browser's status bar indicates "This page says" followed by the number "1".

f) $-3 \leq n \leq 11$



A screenshot of a web browser window. The address bar shows the file path: C:/Users/st310b/Desktop/dALAI/DAL. The main content area displays the following HTML code:

```
<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>
```

The browser's status bar indicates "This page says" followed by the number "7".

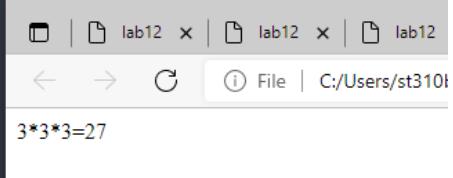
5.

```
<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>
```



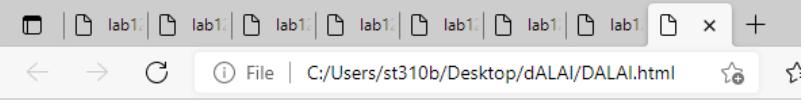
6.

```
<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.

Ac

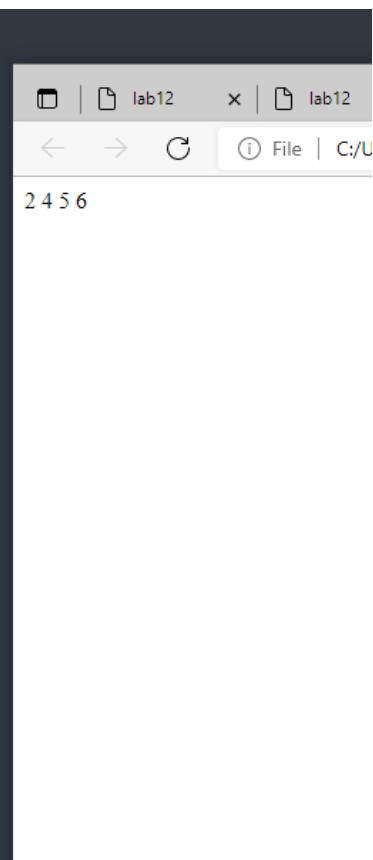
```
16 <script type="text/javascript">
17
18
19 var a=new Array(1000);
20
21 for (var i=0; i<=2; i++){
22     a[i]=window.prompt("a["+i+"]");
23 }
24
25 isEven(a);
26
27
28 function isEven(a){
29
30     for (var b=0; b<=2; b++){
31         if(a[b]%2==0){
32             var bl=true;
33             document.write("<br>" +a[b]+ "=true");
34         }
35         else {
36             document.write("<br>" +a[b]+ "=false");
37         }
38     }
39 }
40
```

8.

```

9
0   var n=window.prompt("n : ");
1   displayDigits(n);
2
3
4   function divide(a,b){
5       return a/b;
6   }
7   function vld(a,b){
8       return a%b;
9   }
0
1   function displayDigits (n){
2       var str="";
3       str=str+vld(n,10);
4
5       while (n>10){
6           n=Math.floor(divide(n,10));
7           str=vld(n,10)+" "+str;
8       }
9
10      document.writeln(str);
11  }
12
13
14

```



9.

```

<script type="text/javascript">

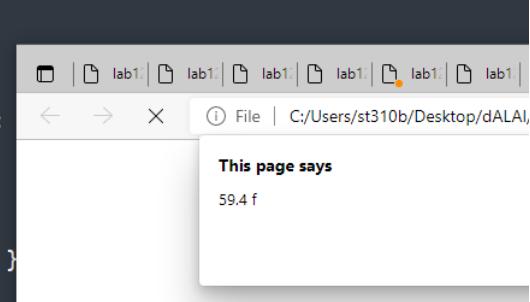
var ForC=window.prompt("F to C or C to F : ");

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.

```
5 <script type="text/javascript">
6
7
8
9 var a=new Array(1000);
10
11 for (var i=0; i<=2; i++){
12     a[i]=parseFloat(window.prompt("a["+i+"]"));
13 }
14
15 minimum(...a);
16
17
18 function minimum(array){
19     var min=Math.min(array);
20     document.writeln("min is "+min);
21 }
22
23
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```

11.

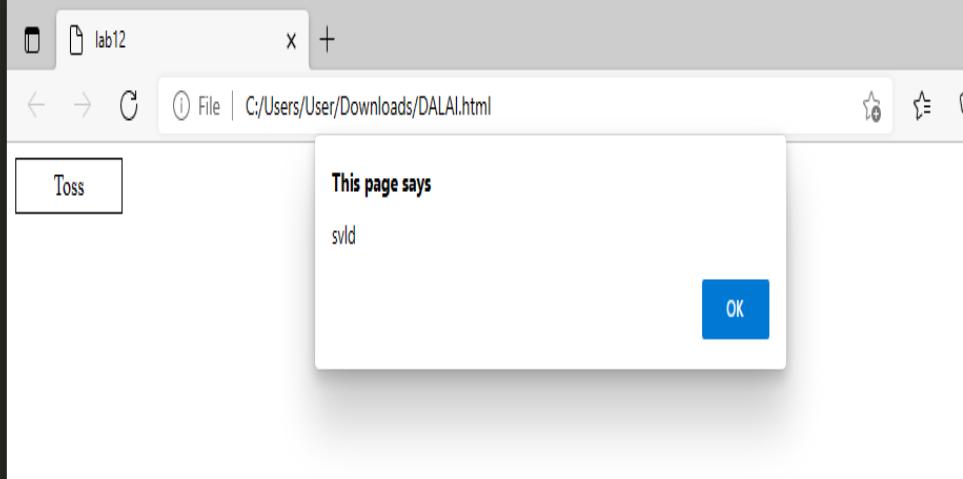
```
<script type="text/javascript">

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>
```

12.



The screenshot shows a web browser window titled "lab12" displaying the file "C:/Users/User/Downloads/DALAI.html". A JavaScript alert dialog is open, containing the text "This page says" followed by "svld" and an "OK" button. The browser interface includes standard controls like back, forward, and search.

```
</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>
<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>
```