

Лаборатори 8 1.

Дараах кодоос алдаа ол. Нэгээс олон алдаа байж болзошгүй.

a) `for (var x= 100; x < 1000; ++x) { document.writeln(x);}`

b) Дараах код value хувьсагчийн тэгш сондгой эсэхийг хэвлэнэ.

```
switch ( value % 2 ) { case 0: document.writeln( "Even integer" ); break;
```

```
case 1: document.writeln( "Odd integer" ); break; }
```

c) Дараах код 19-оос 1 хүртэлх сондгой тоонуудыг хэвлэнэ:

```
for (x= 19; x >= 1; x -= 2 ) document.writeln( x );
```

d) Дараах код 2-оос 100 хүртэлх тэгш тоонуудыг хэвлэнэ:

```
counter = 2;
```

```
while ( counter <= 100 ) {
```

```
document.writeln( counter ); counter += 2; }
```

2.

7 mor , 5 bagana bvhii table vvsgej baina.

3.

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>lab9 10-16</title>
    <script type="text/javascript">

        var sum=0;
        for (var i=1;i<=15;i++){
            sum+=i;
        }
        document.writeln("sum : "+sum);

    </script>
</head>
<body>

</body>
</html>
```



The screenshot shows a browser window with the title "lab9 10-16". The page content displays the output of the JavaScript code: "sum : 120".

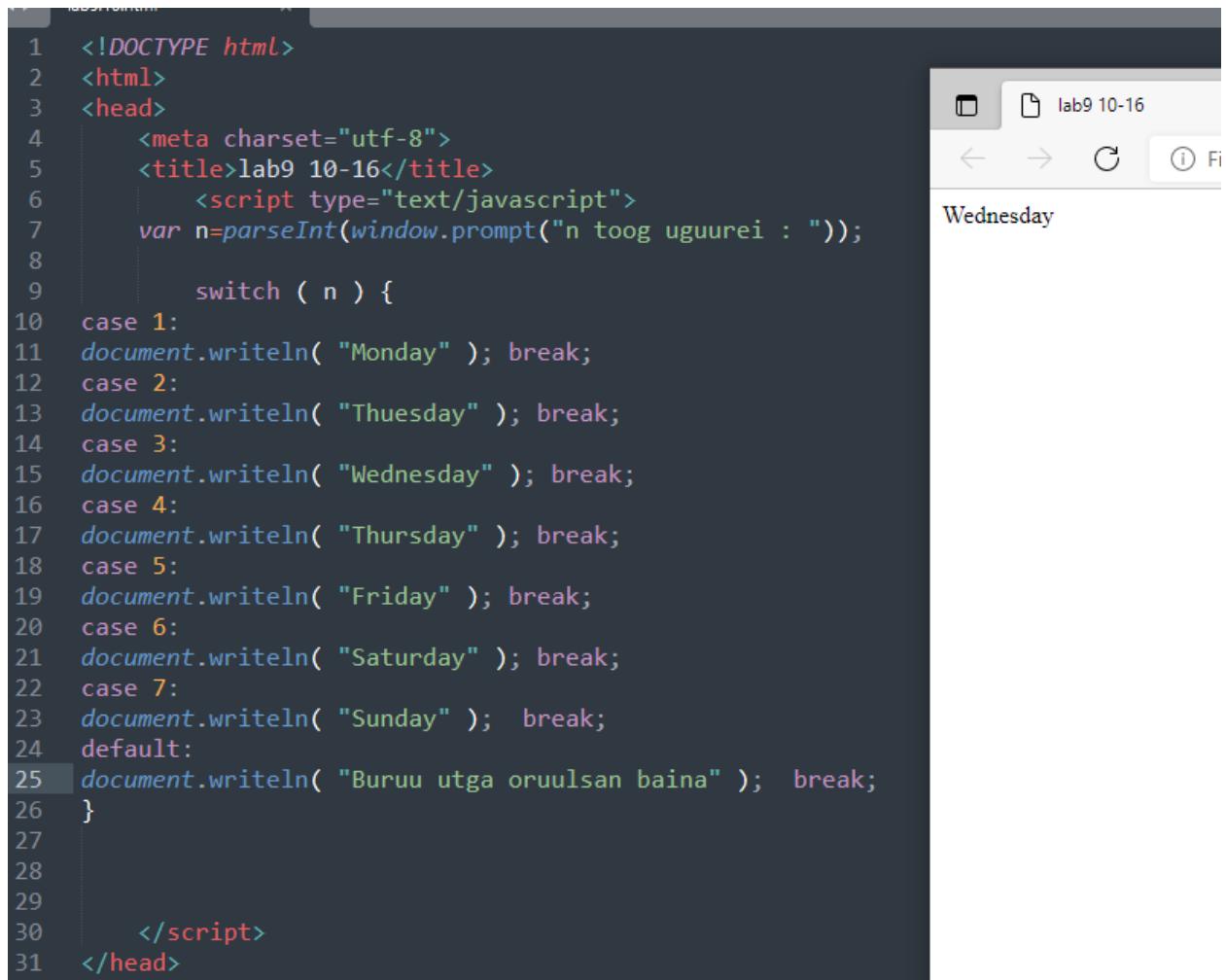
4.

```
lab9 10-16
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>lab9 10-16</title>
    <script type="text/javascript">
        var n=window.prompt("n toog uguurei ::");
        var sum=0;
        for (var i=1;i<=n;i++){
            sum+=Math.pow(i,2);
        }
        document.writeln("sum : "+sum);

    </script>
</head>
<body>

</body>
</html>
```

5.



The screenshot shows a code editor and a browser window side-by-side. The code editor on the left contains a script that prompts the user for a number (n) and then prints the corresponding day of the week. The browser window on the right shows the output "Wednesday".

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <meta charset="utf-8">
5     <title>lab9 10-16</title>
6     <script type="text/javascript">
7         var n=parseInt(window.prompt("n toog uguurei : "));
8
9         switch ( n ) {
10     case 1:
11         document.writeln( "Monday" ); break;
12     case 2:
13         document.writeln( "Tuesday" ); break;
14     case 3:
15         document.writeln( "Wednesday" ); break;
16     case 4:
17         document.writeln( "Thursday" ); break;
18     case 5:
19         document.writeln( "Friday" ); break;
20     case 6:
21         document.writeln( "Saturday" ); break;
22     case 7:
23         document.writeln( "Sunday" ); break;
24     default:
25         document.writeln( "Buruu utga oruulsan baina" ); break;
26     }
27
28
29
30     </script>
31 </head>
```

6.

The screenshot shows a browser window with the title "lab9 10-16". The page content is a source code editor displaying an HTML file. The code includes a script that prompts for user input to fill an array, then iterates through the array to build an H1 tag with asterisks between each character of the input. The browser's status bar shows the file path "C:\Users\...lab9 10-16".

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>lab9 10-16</title>
<script type="text/javascript">
    var a=new Array(5);
    for (var i=0; i<=4; i++){
        a[i]=parseInt(window.prompt((i+1)+" toog ug"));
    }
    var text=<h1>;
    for (var q=0;q<=4;q++){
        text=<h1>;
        for ( var k=1;k<=a[q];k++){
            text=text+"*";
        }
        text=text+"</h1>";
        document.writeln(text);
    }
</script>
</head>
<body>
</body>
</html>
```

7.

- a) document.writeln(i == 1); true
- b) document.writeln(j == 3); false
- c) document.writeln(i >= 1 && j < 4); true
- d) document.writeln(m <= 99 && k < m); false
- e) document.writeln(j >= i || k == m); true
- f) document.writeln(k + m < j || 3 - j >= k); false
- g) document.writeln(!(k > m)); false

8.

K=1; x=1;

K=2; x=3;

K=3; x=4;

K=4; x=3;

K=10; x=30;