TASK 1

```html
<> task.html > ⊗ DOCTYPE > ⊗ html > ⊗ body > ⊗ script
1     <DOCTYPE! html>
2     <html>
3         <head>
4             <title>
5                 task1
6             </title>
7         </head>
8         <body>
9             <script>
10            alert("hello world!");
11        </script>
12        </body>
13    </html>
```

Output

127.0.0.1:5500 says

hello world!

OK

TASK 2

```html
<DOCTYPE! html>
<html>
  <head>
    <title>
      task2
    </title>
  </head>
<body>
    <script>
      let a="prasad";
      let b=10;
      let k=true;
      document.writeln(a+"<br>");
      document.writeln(b+"<br>");
      document.writeln(k+"<br>");
    </script>
</body></html>
```

Output

127.0.0.1:5500/task.html

prasad
10
true

TASK 3

```html
<DOCTYPE! html>
<html>
    <head>
        <title>
            task3
        </title>
    </head>
    <body>
        <script>
        let a=10,b=16,c=96;
        console.log(a+b);
        console.log(c-a);
        console.log(b*a);
        console.log(c/a);
        console.log(c%a);
        </script>
    </body>
</html>
```
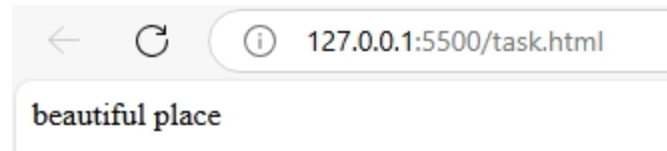
output

top ▼	⦾	≡ Filter	Default levels ▼	💬 3	⚙

26	task.html:17
86	task.html:18
160	task.html:19
9.6	task.html:20
6	task.html:21
Live reload enabled.	task.html:51

TASK 4

```html
<DOCTYPE! html>
<html>
    <head>
        <title>
            task4
        </title>
    </head>
    <body>
```

```
    <script>
    var a="beautiful";
    let b=" place";
    document.writeln(a+b);
  </script>
  </body>
</html>
```

Output

127.0.0.1:5500/task.html

beautiful place

TASK 5

```
1    <DOCTYPE! html>
2    <html>
3        <head>
4            <title>
5                task2
6            </title>
7        </head>
8        <body>
9            <script>
10           let a="prasad";
11           let b=10;
12           let k=true;
13           document.writeln(typeof(a)+"<br>");
14           document.writeln(typeof(b)+"<br>");
15           document.writeln(typeof(k)+"<br>");
16       </script>
17       </body>
18   </html>
```
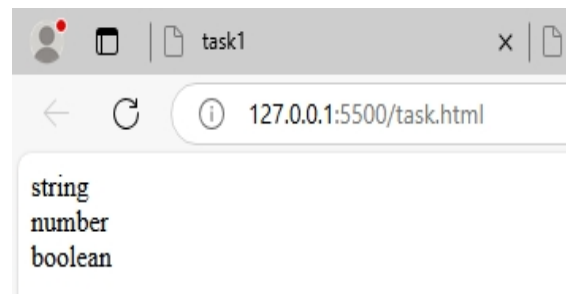
output

task1

127.0.0.1:5500/task.html

string
number
boolean

TASK 6

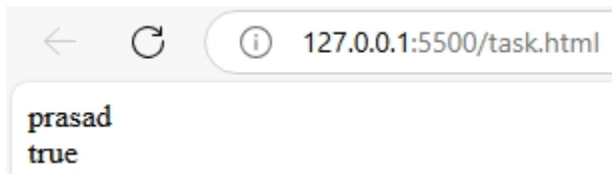```
<DOCTYPE! html>
<html>
   <head>
     <title>
        task2
     </title>
   </head>
<body>
    <script>
      let a="prasad";   //single line command assign the value of a
      let b=10;
      let k=true;
      document.writeln(a+"<br>");   /*printing the
                                    values of a,band k*/
      document.writeln(b+"<br>");
      document.writeln(k+"<br>"); /*multiline command*/
    </script>
</body>
</html>
```

## TASK 7

```
<DOCTYPE! html>
<html>
   <head>
     <title>
        task2
     </title>
   </head>
<body>
    <script>
      let a="prasad";
      let b=true;
      document.writeln(a+"<br>")
      document.writeln(b+"<br>");
    </script>
</body>
</html>
```
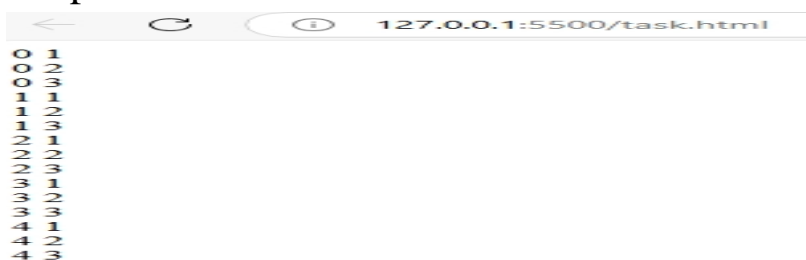
## Output

prasad
true

There is no difference in line with semicolon and without semicolon
It automatically take semicolon if it does not exist

## TASK 8

```html
<DOCTYPE! html>
<html>
   <head>
      <title>
         task8
      </title>
   </head>
<body>
   <script>
      let i,j=1;
      for(i=0;i<5;i++)
   {
      for(j=1;j<4;j++)
      {document.writeln(i+" "+j+"<br>");}
   }
   </script>
</body>
</html>
```

Output

```
0 1
0 2
0 3
1 1
1 2
1 3
2 1
2 2
2 3
3 1
3 2
3 3
4 1
4 2
4 3
```

TASK 9

```html
<DOCTYPE! html>
<html>
   <head>
      <title>
         task9
      </title>
   </head>
<body>
```

```
<script>
    let a=98,b=" Raj ",c=true;  //multiple variable in single line
    document.writeln(a ,b ,c)
</script>
</body>
</html>
```
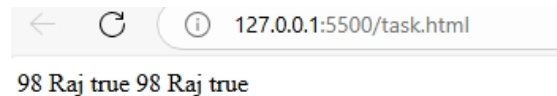
Output

127.0.0.1:5500/task.html

98 Raj true

TASK 10

```
<DOCTYPE! html>
<html>
    <script>
    var a=98,b=" Raj ",c=true;
    document.writeln(a ,b ,c)
    </script>
    <head>
        <title>
            task10
        </title>
    </head>
<body>

</body>
<script>
    var a=98,b=" Raj ",c=true;
    document.writeln(a ,b ,c)
</script>
</html>
```

Output

127.0.0.1:5500/task.html

98 Raj true 98 Raj true

It works like same when it is in html tag and after body tag