

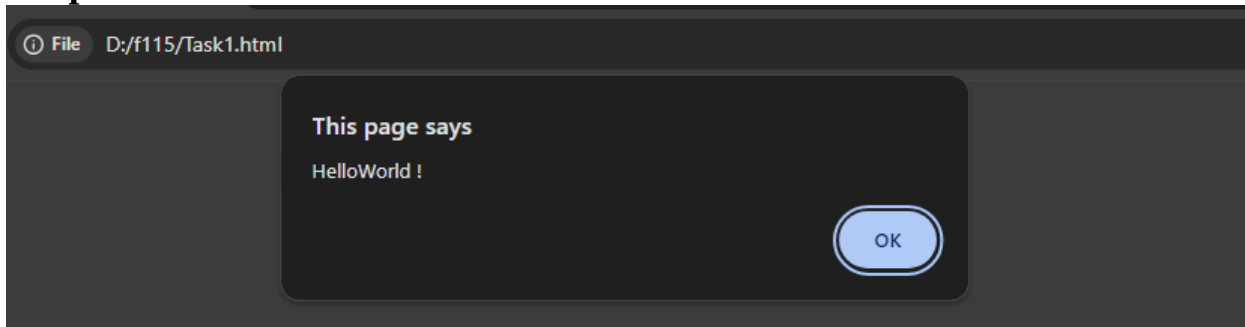
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Task 1:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    alert("HelloWorld !");
  </script>
</body>
</html>
```

Output:



Task 2:

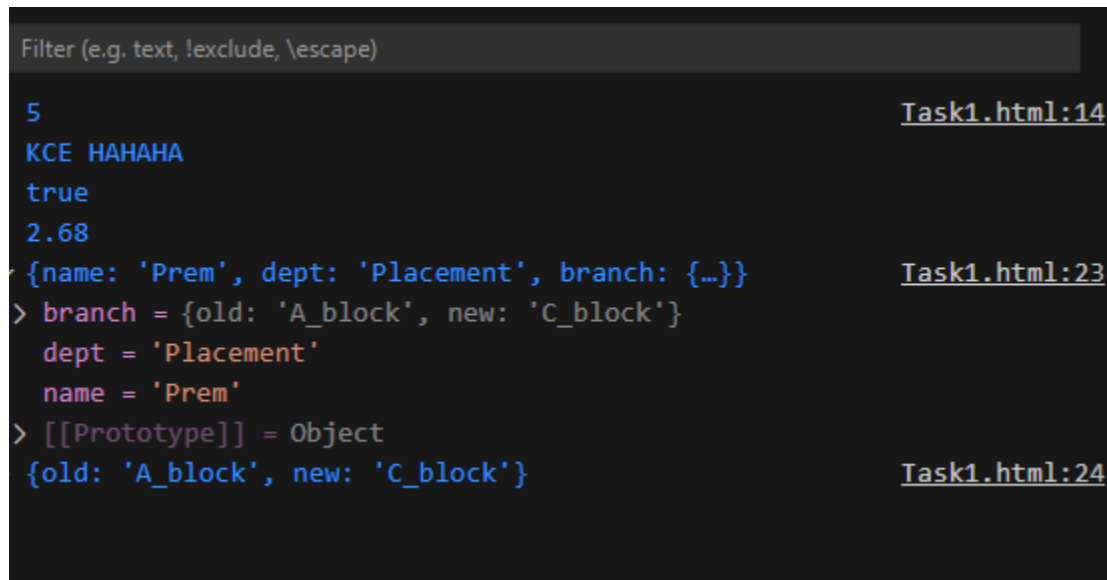
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    let a=5;
    let b="KCE HAHAHA";
    var c=true;
    const e=2.68;
    console.log(a+"\n"+b+"\n"+c+"\n"+e);
```

```

var Staff={
  name:"Prem",
  dept:"Placement",
  branch:{
    old:"A_block",
    new:"C_block"
  }
};
console.log(Staff);
console.log(Staff.branch)
</script>
</body>
</html>

```

Output:



```

Filter (e.g. text, !exclude, \escape)

5 Task1.html:14
KCE HAHAAHA
true
2.68
> {name: 'Prem', dept: 'Placement', branch: {...}} Task1.html:23
> branch = {old: 'A_block', new: 'C_block'}
  dept = 'Placement'
  name = 'Prem'
> [[Prototype]] = Object
  {old: 'A_block', new: 'C_block'} Task1.html:24

```

Task 3:

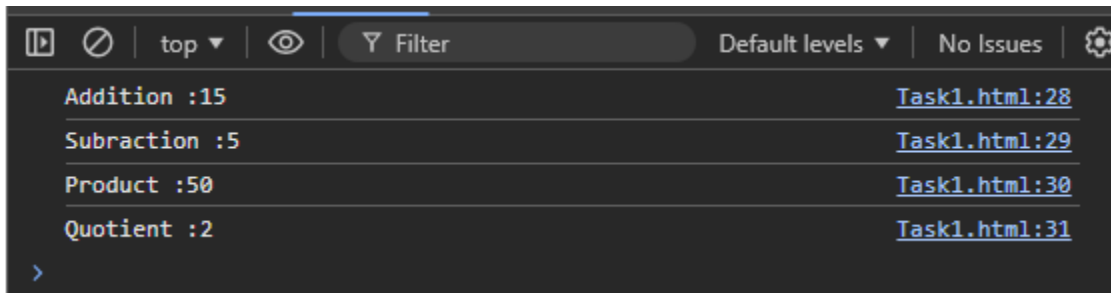
```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    var a =parseInt(prompt("Enter a number :"));

```

```
var b=parseInt(prompt("Enter another Number :"));
console.log("Addition :"+(a+b));
console.log("Subraction :"+(a-b));
console.log("Product :"+a*b);
console.log("Quotient :"+a/b);
</script>
</body>
</html>
```

Output:



Task 4:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    let a="Hello";
    let b="World !!";
    console.log(a+b);
  </script>
</body>
</html>
```

Output:

```
HelloWorld !!
```

Task 5:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    let a=5;
    let b="KCE HAHAHA";
    var c=true;
    const e=2.68;
    var Staff={
      name:"Prem",
      dept:"Placement",
      branch:{
        old:"A_block",
        new:"C_block"
      }
    };
    console.log(typeof a);
    console.log(typeof b);
    console.log(typeof c);
    console.log(typeof e);
    console.log(typeof Staff);
  </script>
</body>
</html>
```

Output:

```
number
string
boolean
number
object
```

Task 6:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<script>
    // let a="Hello";

    /*
    let b="World !!";
    console.log(a+b);
    */
</script>
</body>
</html>
```

Task 7:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
<script>
    let a=10; let b=15;
    let c=9;
    let d=0;

</script>
</body>
</html>
```

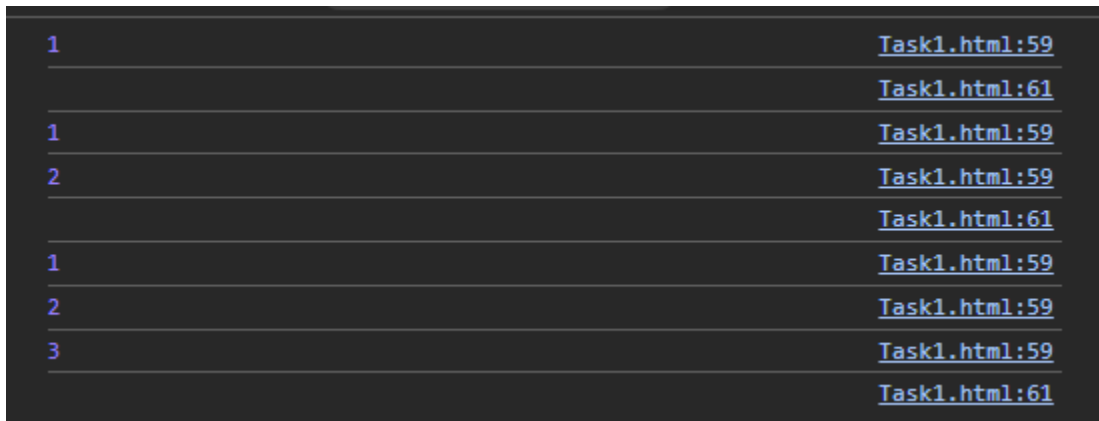
Task 8 :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
```

```

</head>
<body>
<script>
  for(let a=1;a<=3;a++){
    for(let i=1;i<=a;i++){
      console.log(i);
    }
    console.log("\n");
  }
</script>
</body>
</html>

```



```

1 Task1.html:59
2 Task1.html:61
3 Task1.html:59
4 Task1.html:61
5 Task1.html:59
6 Task1.html:59
7 Task1.html:61
8 Task1.html:59
9 Task1.html:61
10 Task1.html:59
11 Task1.html:61

```

Task 9:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
<script>
  let a=10; let b=15;
  console.log(a,b);
</script>
</body>
</html>

```

Task 10:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <script>
    console.log("inside head");
  </script>
</head>
<body>
  <script>
    console.log("inside body");
  </script>
</body>
</html>
```

```
inside head
inside body
```

Task 11:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    n=10
    console.log(n);
  </script>
</body>
</html>
```

```
10
```

Task 12:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    'use strict';
    n=10
    console.log(n);
  </script>
</body>
</html>
```

```
Uncaught ReferenceError: ReferenceError: n is not define ...sk1.html:65
> d
    at <anonymous> (d:\f115\Task1.html:65:9)
```

Task 13:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    'use strict';
    var Staff={
      name:"Prem",
      dept:"Placement",
      branch:{
        old:"A_block",
        new:"C_block"
      }
    };
    delete Staff.branch;
```



```
        console.log(Staff.branch);
    </script>
</body>
</html>
```

undefined

Task 14:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    p = 20;
    console.log(p);
    'use strict';
    n=10
    console.log(n);
  </script>
</body>
</html>
```

20
10

Task 15:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
```

```
'use strict';
var if = 10;
console.log(if);

</script>
</body>
</html>
```

```
> Uncaught SyntaxError: SyntaxError: Unexpected token 'if' Task1.html:91
  at (program) (d:\f115\Task1.html:91:13)
```

Task 16:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    let b=5;
    var c=10;
    const e=2.68;

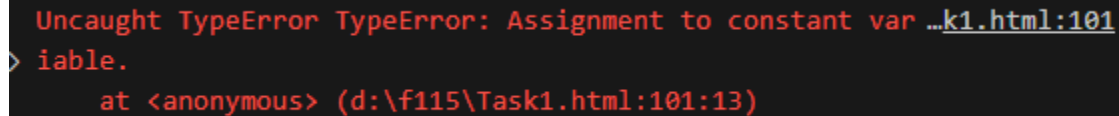
    console.log(b,c,e);
  </script>
</body>
</html>
```

```
5 10 2.68
```

Task 17:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
```

```
<body>
  <script>
    const pi=3.14;
    pi = 3;
    console.log(pi);
  </script>
</body>
</html>
```



```
Uncaught TypeError: Assignment to constant var ...k1.html:101
> iable.
    at <anonymous> (d:\f115\Task1.html:101:13)
```

Task 18:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    var a;
    console.log(a);
  </script>
</body>
</html>
```

undefined

Task 19 :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Document</title>
</head>
<body>
  <script>
    let a=5;
    let b="KCE";
    var c=true;
    console.log(typeof a);
    console.log(typeof b);
    console.log(typeof c);
  </script>
</body>
</html>
```

```
number
string
boolean
```

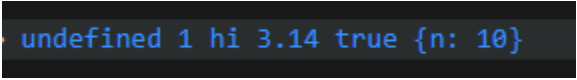
Task 20:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    var Staff={
      name:"Prem",
      dept:"Placement",
      branch:{
        old:"A_block",
        new:"C_block"
      }
    };
    var {name:FullName}=Staff;
    console.log(FullName);
  </script>
</body>
</html>
```

```
Prem
```

Task 21:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    var a;
    var b=1;
    var c="hi";
    const pi=3.14;
    var p=true;
    var k={n:10};
    console.log(a,b,c,pi,p,k);    </script>
</body>
</html>
```

A screenshot of a browser's developer console showing the output of the JavaScript code from Task 21. The output is a single line: 'undefined 1 hi 3.14 true {n: 10}'. The text is displayed in a monospaced font with syntax highlighting: 'undefined' is in blue, '1' is in light blue, 'hi' is in light blue, '3.14' is in light blue, 'true' is in light blue, and '{n: 10}' is in light blue.

```
undefined 1 hi 3.14 true {n: 10}
```

Task 22:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    let a=5;
    let b="KCE";
    var c=true;
    console.log(typeof a);
    console.log(typeof b);
    console.log(typeof c);
  </script>
</body>
</html>
```

```
number
string
boolean
```

Task 23:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    let a=Symbol("HI");
    console.log(a,typeof a);
  </script>
</body>
</html>
```

```
let a=Symbol("HI");
console.log(a,typeof a);
```

Task 24:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    var a;
    a=null;
    console.log(a,typeof a);
  </script>
</body>
</html>
```

```
var a;  
a=null;  
console.log(a,typeof a);
```

Task 25:

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8">  
  <meta name="viewport" content="width=device-width, initial-scale=1.0">  
  <title>Document</title>  
</head>  
<body>  
  <script>  
    var a=10;  
    if (a>5){  
      let b=5;  
      console.log(a,b);  
    }  
    console.log(a,b);  
  </script>  
</body>  
</html>
```

```
10 5 Task1.html:125  
Uncaught ReferenceError ReferenceError: b is not defin ...sk1.html:127  
ed  
    at <anonymous> (d:\f115\Task1.html:127:19)
```

Task 26:

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8">  
  <meta name="viewport" content="width=device-width, initial-scale=1.0">  
  <title>Document</title>  
</head>  
<body>
```

```
<script>
  var a="20";
  var n=a;
  var p=parseInt(a);
  console.log(n,p);
</script>
</body>
</html>
```

```
20 20
```

Task 27:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    var a=true;
    var s=String(a);
    console.log(s,typeof s);
  </script>
</body>
</html>
```

```
true string
```

Task 28:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
```



```

<script>
  var a=parseInt(prompt("Enter a number :"));
  var b=parseInt(prompt("Enter another Number :"));
  console.log("Addition :"+(a+b));
  console.log("Subtraction :"+(a-b));
  console.log("Product :"+a*b);
  console.log("Quotient :"+a/b);
  console.log("mod:"+(a%b));
</script>
</body>
</html>

```

```

Addition :15
Subtraction :5
Product :50
Quotient :2
mod:0

```

Task 29:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    var a=2;
    console.log(a++,a--,++a,--a); </script>
  </body>
</html>

```

```

2 3 3 2

```

Task 30:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    var a=2;
    var b=4
    console.log(a+b/a-a*b%a);
  </body>
</html>
```