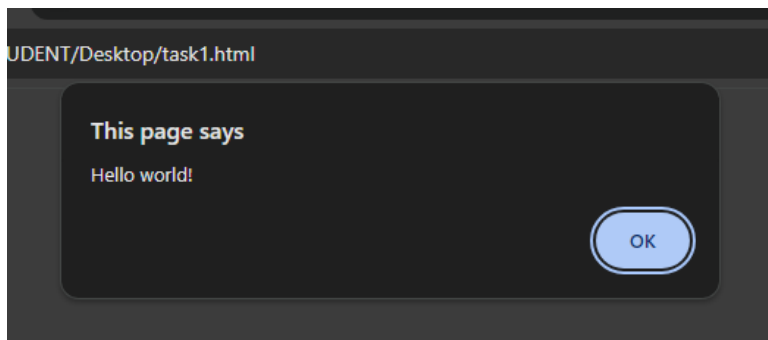


```
1. !DOCTYPE html>
<head>
  <title>task1</title>
</head>
<body>
  <script>
    alert("Hello world!");
  </script>
</body>
</html>
```

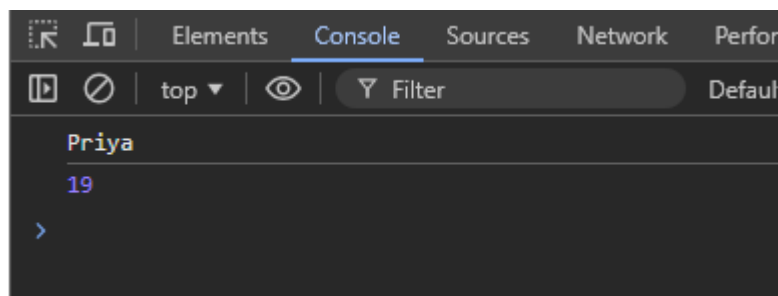
Output:



```
2. <!DOCTYPE html>

<head>
  <title>Task2</title>
</head>
<body>
  <script>
    let s="Priya";
    let x=19;
    console.log(s);
    console.log(x);
  </script>
</body>
</html>
```

Output:



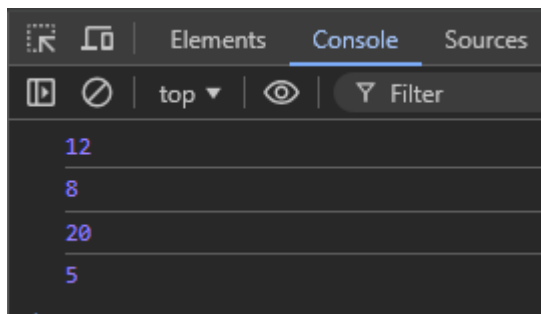
```

3. <!DOCTYPE html>

<head>
  <title>task3</title>
</head>
<body>
  <script>
    let x=10;
    let y=2;
    console.log(x+y);
    console.log(x-y);
    console.log(x*y);
    console.log(x/y);
  </script>
</body>
</html>

```

Output:



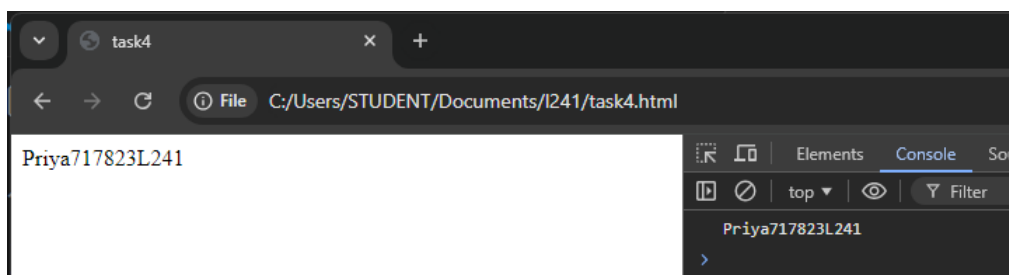
```

4. <!DOCTYPE html>

<head>
  <title>task4</title>
</head>
<body>
  <script>
    let x="Priya";
    let y="717823L241";
    console.log(x+y);
    document.writeln(x+y);
  </script>
</body>

```

Output:



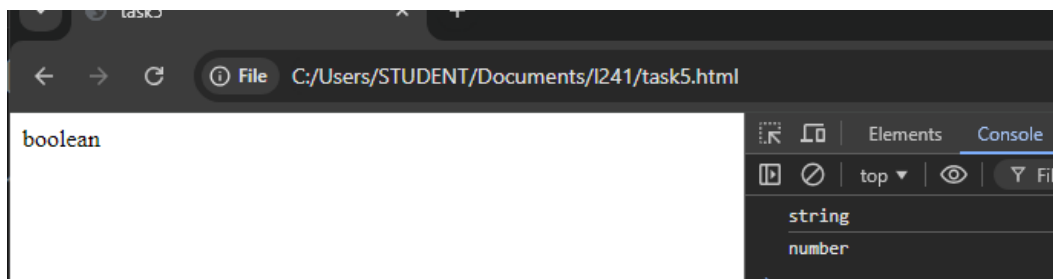
```

5. <!DOCTYPE html>

<head>
  <title>task5</title>
</head>
<body>
  <script>
    let x="Priya";
    let y=4;
    let z=true;
    console.log(typeof x);
    console.log(typeof y);
    document.writeln(typeof z);
  </script>
</body>

```

Output:



```

6. <!DOCTYPE html>

<head>
  <title>task2</title>
</head>
<body>
  <script>
    //this is a single line comment
    //document.write("Priya");
    /*this is a multiline comment
    document.write("L241")*/
  </script>
</body>

```

```

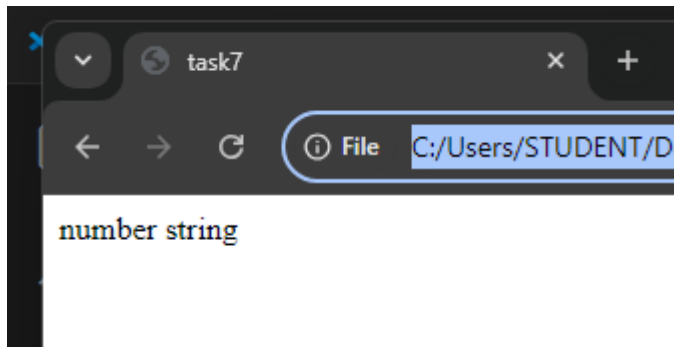
7. <!DOCTYPE html>

<head>
  <title>task7</title>
</head>
<body>
  <script>
    document.writeln(typeof 4);
    document.writeln(typeof "Priya")
  </script>

```

```
</body>
```

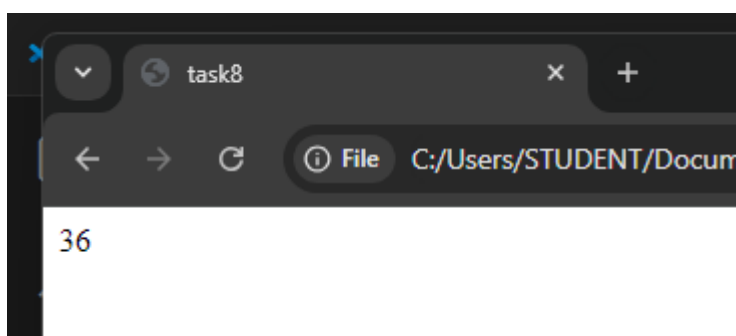
Output:



8. `<!DOCTYPE html>`

```
<head>
  <title>task8</title>
</head>
<body>
  <script>
    const arr=[[1,2,3,4],[5,6,7,8]];
    let sum=0;
    for(let i=0;i<2;i++){
      for(let j=0;j<4;j++){
        sum=sum+arr[i][j];
      }
    }
    document.write(sum);
  </script>
</body>
```

Output:

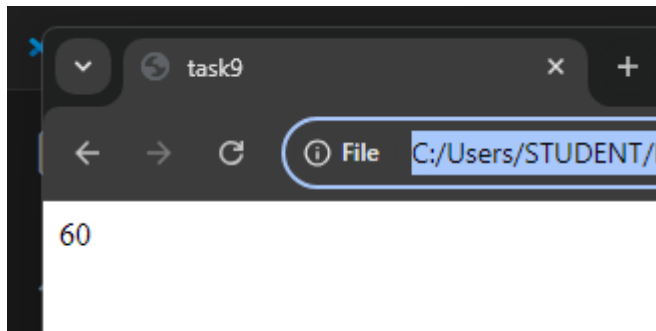


9. `<!DOCTYPE html>`

```
<head>
  <title>task9</title>
</head>
<body>
  <script>
    let a=5,b=4,c=3;
```

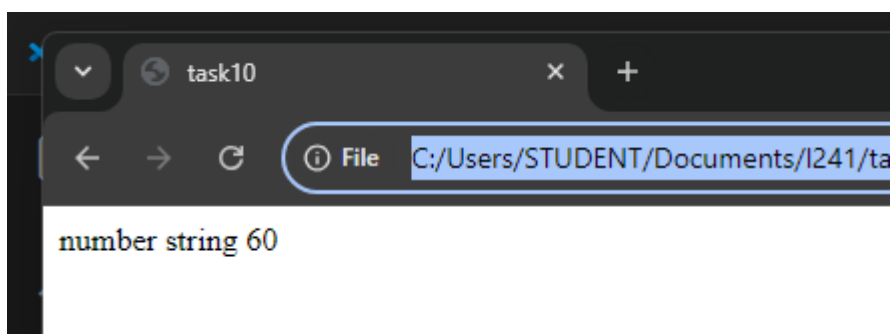
```
    document.write(a*b*c);  
  </script>  
</body>
```

Output:



```
10. <!DOCTYPE html>  
  
<head>  
  <title>task10</title>  
  <script>  
    document.writeln(typeof 4);  
    document.writeln(typeof "Priya")  
  </script>  
</head>  
<body>  
  <script>  
    let a=5,b=4,c=3;  
    document.write(a*b*c);  
  </script>  
</body>
```

Output:



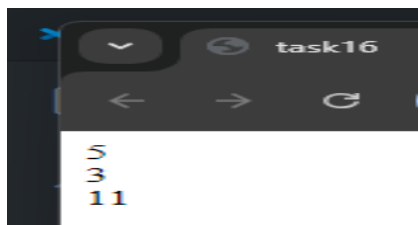
```

16. <!DOCTYPE html>

<head>
  <title>task16</title>
</head>
<body>
  <script>
    let a=10;
    a=5;
    document.write(a+"<br>");
    var b=9;
    b=3;
    document.write(b+"<br>");
    const c=11;
    document.write(c);
  </script>
</body>

```

Output:



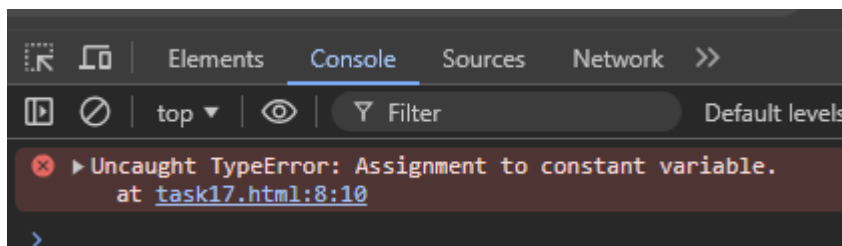
```

17. <!DOCTYPE html>

<head>
  <title>task17</title>
</head>
<body>
  <script>
    const a=10;
    a=5;
    document.write(a);
  </script>
</body>

```

Output:



```

18. <!DOCTYPE html>

<head>

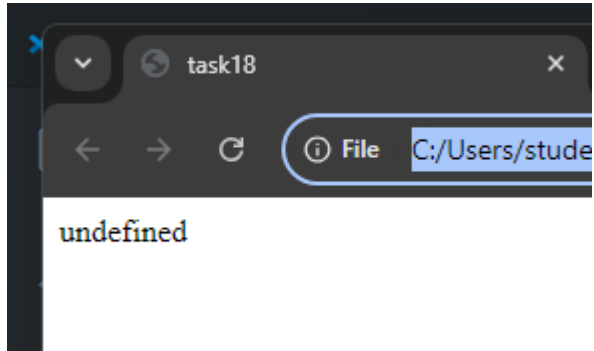
```

```

    <title>task18</title>
</head>
<body>
    <script>
        let a;
        document.write(a);
    </script>
</body>

```

Output:



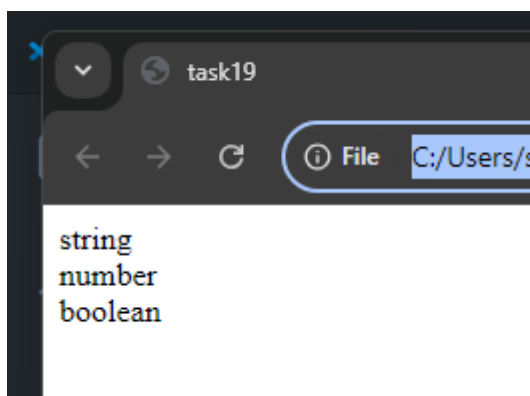
```

19. <!DOCTYPE html>

<head>
    <title>task19</title>
</head>
<body>
    <script>
        document.write(typeof "Priya"+"<br>");
        document.write(typeof 241+"<br>");
        document.write(typeof false);
    </script>
</body>

```

Output:



```

20. <!DOCTYPE html>

<head>
    <title>task20</title>

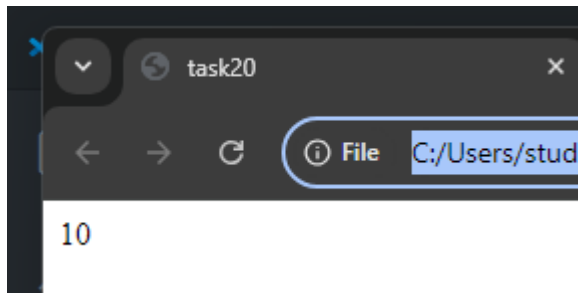
```

```

</head>
<body>
  <script>
    let a=10;
    c=a;
    document.write(c);
  </script>
</body>

```

Output:



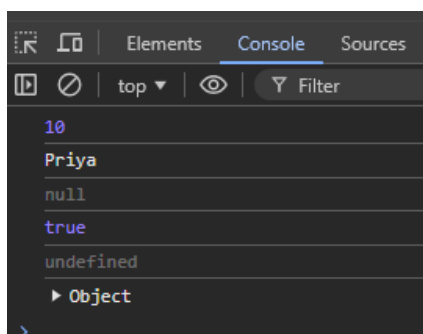
```

21. <!DOCTYPE html>

<head>
  <title>task22</title>
</head>
<body>
  <script>
    let a=10, b="Priya", c=null, d=true, e;
    let f={
      name:"Apple",
      color:"red",
    };
    console.log(a);
    console.log(b);
    console.log(c);
    console.log(d);
    console.log(e);
    console.log(f);
  </script>
</body>

```

Output:



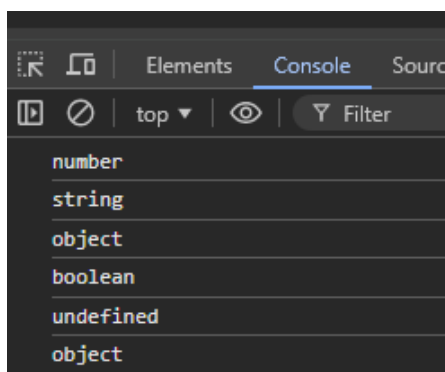

```

22. <!DOCTYPE html>

<head>
  <title>task22</title>
</head>
<body>
  <script>
    let a=10, b="Priya", c=null, d=true, e;
    let f={
      name:"Apple",
      color:"red",
    };
    console.log(typeof a);
    console.log(typeof b);
    console.log(typeof c);
    console.log(typeof d);
    console.log(typeof e);
    console.log(typeof f);
  </script>
</body>

```

Output:



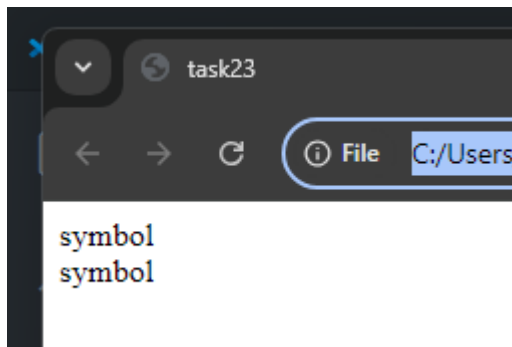
```

23. <!DOCTYPE html>

<head>
  <title>task23</title>
</head>
<body>
  <script>
    const a=Symbol("$");
    const b=Symbol("?")
    document.write(typeof a+"<br>");
    document.write(typeof b);
  </script>
</body>

```

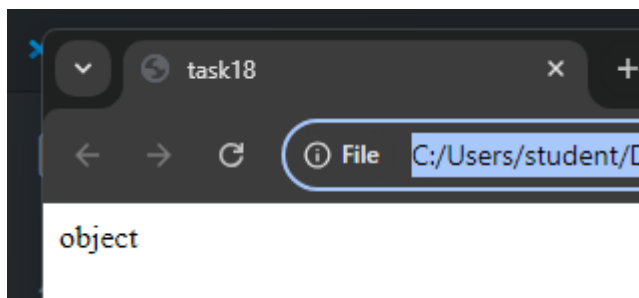
Output:



```
24. <!DOCTYPE html>

<head>
  <title>task18</title>
</head>
<body>
  <script>
    let a=null;
    document.write(typeof a);
  </script>
</body>
```

Output:

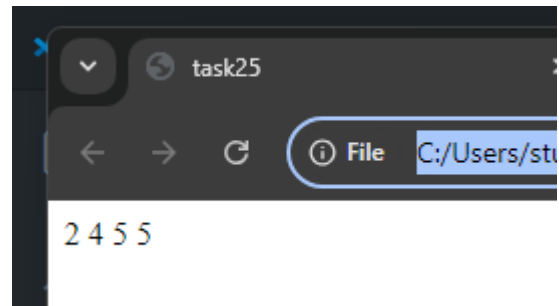


```
25. <!DOCTYPE html>

<head>
  <title>task25</title>
</head>
<body>
  <script>
    let a=4;
    if(true){
      let a=2;
      document.writeln(a);
    }
    document.writeln(a);
    var c=10;
    if(true){
      var c=5;
      document.writeln(c);
    }
  </script>
</body>
```

```
document.writeln(c);  
  
</script>  
</body>
```

Output:



26. `<!DOCTYPE html>`

`<head>`

`<title>task26</title>`

`</head>`

`<body>`

`<script>`

`//explicit conversion`

`let a="241";`

`document.writeln(typeof parseInt(a)+"
");`

`//implicit conversion`

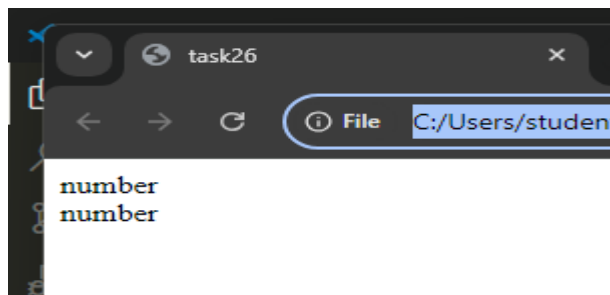
`let b="1234"*1;`

`document.writeln(typeof b);`

`</script>`

`</body>`

Output:



27. `<!DOCTYPE html>`

`<head>`

`<title>task27</title>`

`</head>`

`<body>`

`<script>`

`let a=true;`

```

document.writeln(typeof a.toString());

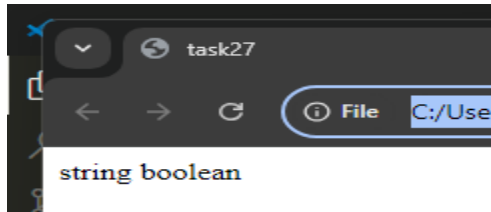
let c="0";

document.writeln(typeof Boolean(c));

</script>
</body>

```

Output:



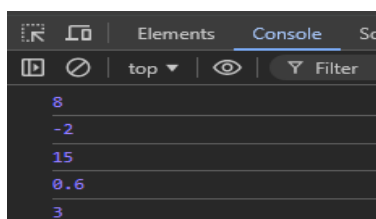
```

28. <!DOCTYPE html>

<head>
  <title>task28</title>
</head>
<body>
  <script>
    let a=3,b=5;
    console.log(a+b);
    console.log(a-b);
    console.log(a*b);
    console.log(a/b);
    console.log(a%b);
  </script>
</body>

```

Output:



29. `<!DOCTYPE html>`

`<head>`

`<title>task28</title>`

`</head>`

`<body>`

`<script>`

`let a=10,b=5;`

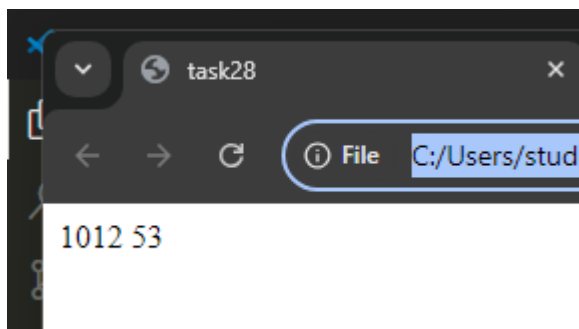
`document.writeln(a++ +""+ ++a);`

`document.writeln(b-- +""+ --b);`

`</script>`

`</body>`

Output:



30. `<!DOCTYPE html>`

`<head>`

`<title>task30</title>`

`</head>`

`<body>`

`<script>`

`let a= 5*6/2+3-4;`

`let b= 5+6/2-3*4;`

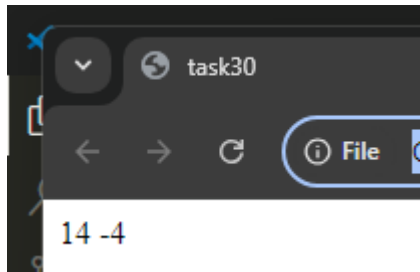
`document.writeln(a);`

`document.writeln(b);`

```
</Script>
```

```
</body>
```

Output:



```
31. <!DOCTYPE html>
```

```
<head>
```

```
  <title>task31</title>
```

```
</head>
```

```
<body>
```

```
  <script>
```

```
    let a=10,b=5;
```

```
    if(a>=b){
```

```
      document.writeln(a+" is bigger");
```

```
    }
```

```
    else{
```

```
      document.writeln(b+" is bigger");
```

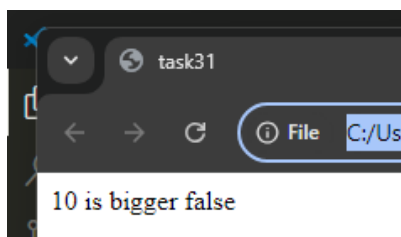
```
    }
```

```
    document.writeln(a<b?true:false);
```

```
  </script>
```

```
</body>
```

Output:



32. `<!DOCTYPE html>`

`<head>`

`<title>task32</title>`

`</head>`

`<body>`

`<script>`

`let a="10";`

`let b=10;`

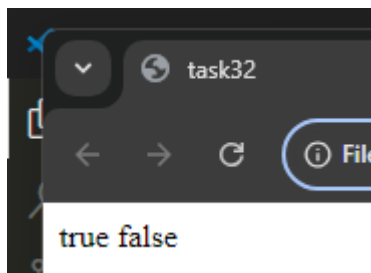
`document.writeln(a==b);`

`document.writeln(a===b);`

`</script>`

`</body>`

output:



33. `<!DOCTYPE html>`

`<head>`

`<title>task33</title>`

`</head>`

`<body>`

`<script>`

`let a="Uma";`

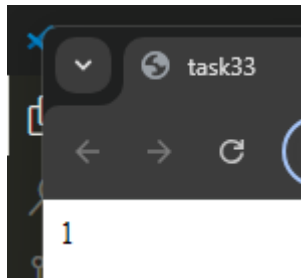
`let b="Priya";`

`document.writeln(a.localeCompare(b));`

`</script>`


```
</body>
```

Output:



```
34. <!DOCTYPE html>
```

```
<head>
```

```
  <title>task34</title>
```

```
</head>
```

```
<body>
```

```
  <script>
```

```
    let a="10";
```

```
    let b=10;
```

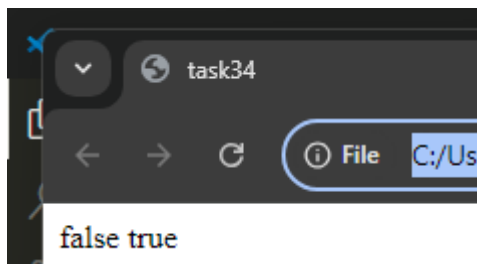
```
    document.writeln(a!=b);
```

```
    document.writeln(a!==b);
```

```
  </script>
```

```
</body>
```

Output:



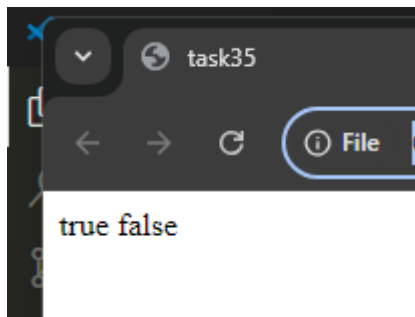
```
35. <!DOCTYPE html>
```

```
<head>
```

```
  <title>task35</title>
```

```
</head>
<body>
  <script>
    let a;
    let b=null;
    document.writeln(a==b);
    document.writeln(a===b);
  </script>
</body>
```

Output:



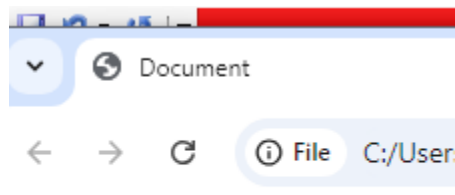
```

36. <!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=prompt("Enter a num:?",0);
    if(a%2==0){
      document.writeln("Even");
    }
    else{
      document.writeln("Odd");
    }
  </script>
</body>
</html>

```

Output:



Even

```

37. <!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=prompt("Enter a num?",0);
    if(a>0){
      document.writeln("Positive");
    }
    else if(a<0){

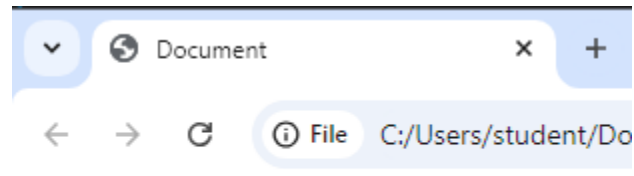
```

```

        document.writeln("Negative");
    }
    else{
        document.writeln("Zero");
    }
}
</script>
</body>
</html>

```

Output:



Positive

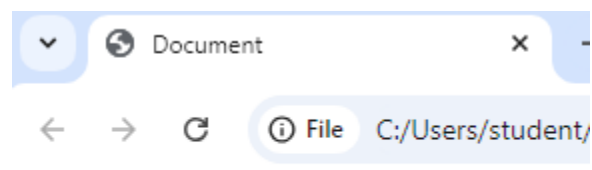
```

38. <!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=prompt("Enter a num?",0);
        document.writeln((a%2==0)?'even':'odd');
    </script>
</body>
</html>

```

Output:



even

```

39. <!DOCTYPE html>

<html lang="en">
<head>

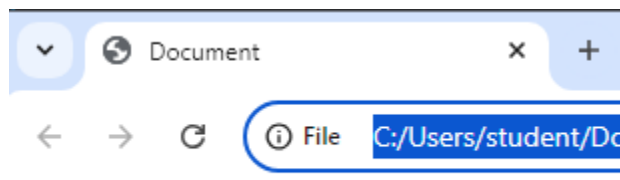
```

```

<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
  <script>
    let fruit={
      name:"Apple",
      color:"Red",
    };
    document.writeln(fruit.write?.price());
  </script>
</body>
</html>

```

Output:



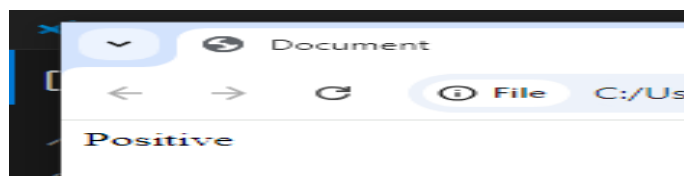
```

40. <!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=prompt("Enter num?",0);
    document.writeln(a>0?'Positive':a==0?'Zero':'Negative');
  </script>
</body>
</html>

```

Output:



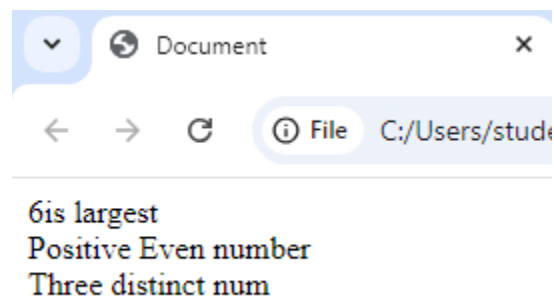
```

41. <!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=prompt("Enter num?",0);
    let b=prompt("Enter num?",0);
    let c=prompt("Enter num?",0);
    if(a>b && a>c){
      document.writeln(a+"is largest"+"<br>");
    }
    if(a>0 || (a%2==0)){
      document.writeln("Positive Even number"+"<br>");
    }
    if(a!=b!=c){
      document.writeln("Three distinct num"+"<br>");
    }
  </script>
</body>
</html>

```

Output:



```

42. <!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>

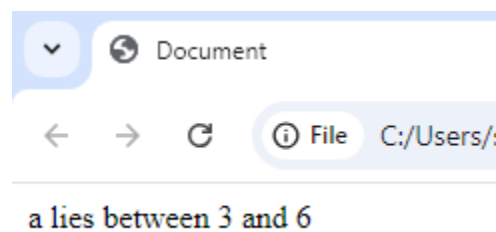
```

```

<script>
    let a=prompt("Enter a num:?",0);
    if(a>=3 && a<6){
        document.writeln("a lies between 3 and 6");
    }
    else{
        document.writeln("Beyond the range");
    }
</script>
</body>
</html>

```

Output:



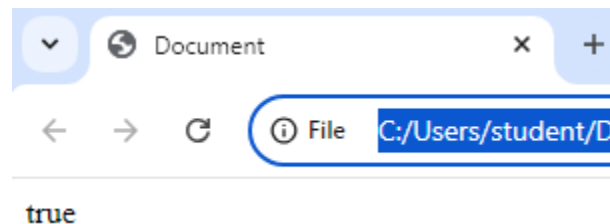
```

43. <!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=false;
        document.writeln(!a);
    </script>
</body>
</html>

```

Output:



```

44. <!DOCTYPE html>

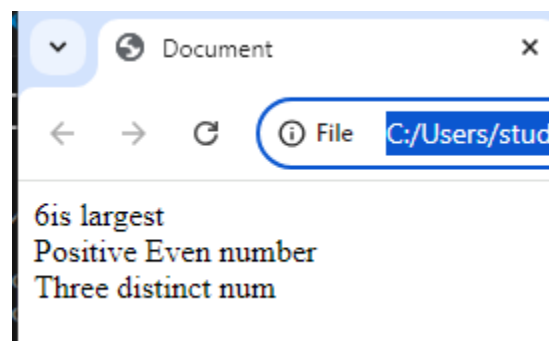
```

```

<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=6,b=4,c=2;
    if(a>b && a>c){
      document.writeln(a+"is largest"+"<br>");
    }
    if(a>0 || (a%2==0)){
      document.writeln("Positive Even number"+"<br>");
    }
    if(a!=b!=c){
      document.writeln("Three distinct num"+"<br>");
    }
  </script>
</body>
</html>

```

Output:



```

45. <!DOCTYPE html>

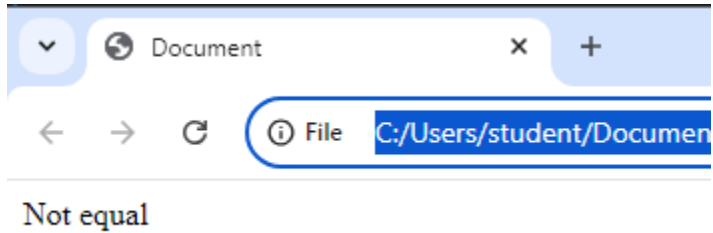
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    let a="10";
    let b=10;
    if(a==b && a===b){

```



```
        document.writeln("Equal");
    }
    else{
        document.writeln("Not equal");
    }
</script>
</body>
</html>
```

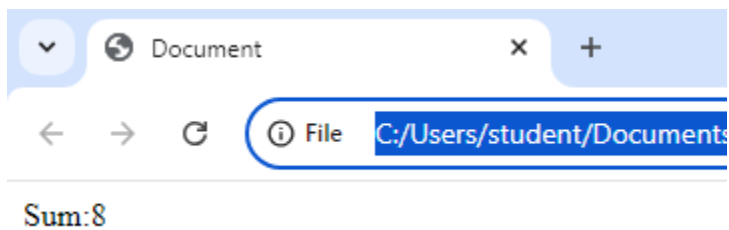
Output:



```
46. <!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>
        function sum(a,b){
            return a+b;
        }
        document.writeln("Sum:"+sum(3,5));
    </script>
</body>
</html>
```

Output:



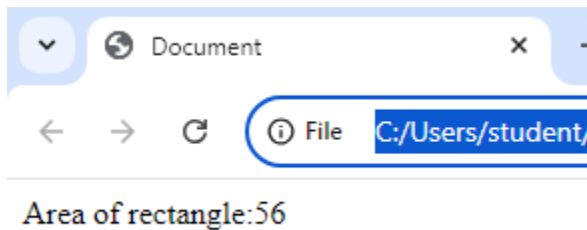
```

47. <!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>
    function area(l,b){
      return l*b;
    }
    document.writeln("Area of rectangle:"+area(7,8));
  </script>
</body>
</html>

```

Output:



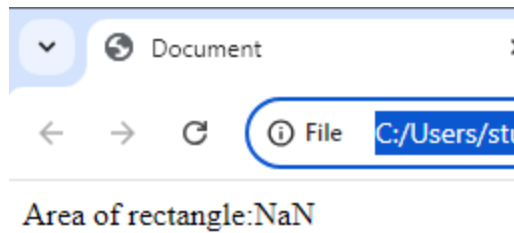
```

48. <!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>
    function area(l,b){
      return l*b;
    }
    document.writeln("Area of rectangle:"+area());
  </script>
</body>
</html>

```

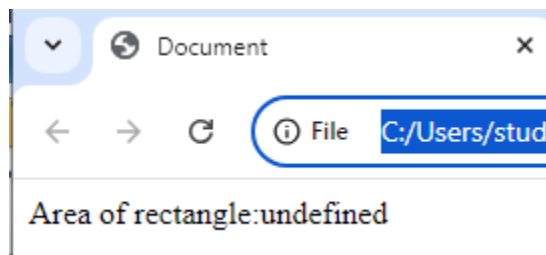
Output:



```
49. <!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>
    function area(l,b){
      l*b;
    }
    document.writeln("Area of rectangle:"+area());
  </script>
</body>
</html>
```

Output:

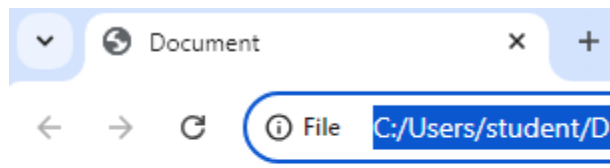


```
50. <!DOCTYPE html>

<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>
    function area(l=2,b=6){
      return l*b;
    }
  </script>
</body>
</html>
```

```
    }  
    document.writeln("Area of rectangle:"+area()+"<br>");  
    document.writeln("Area of rectangle:"+area(3,7));  
  </script>  
</body>  
</html>
```

Output:



Area of rectangle:12
Area of rectangle:21

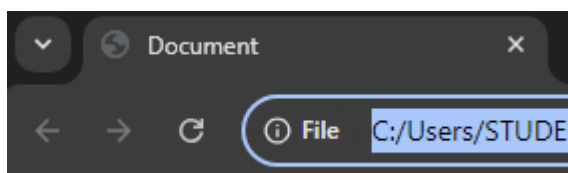
```

51. <!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 greet=(name)=>{
      return `Hello ${name}`;
    }
    document.writeln(greet("Priya")+"<br>");
    document.writeln(greet("Gokila")+"<br>");
    document.writeln(greet("Indhi")+"<br>");
    document.writeln(greet("Kamali"));
  </script>
</body>
</html>

```

Output:



Hello Priya
 Hello Gokila
 Hello Indhi
 Hello Kamali

```

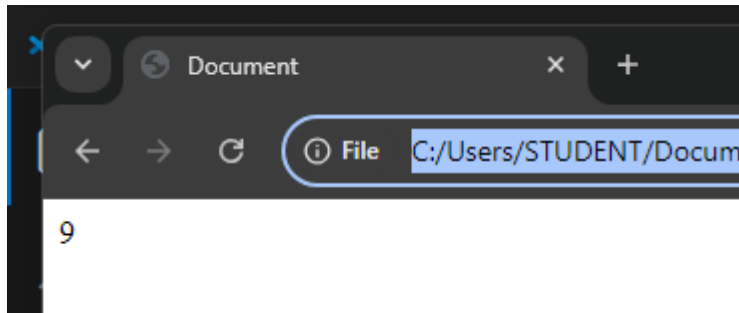
52. <!DOCTYPE html>

<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 sum=(a,b)=>{
      return a+b;
    }
    document.writeln(sum(3,6));
  </script>
</body>

```

```
</html>
```

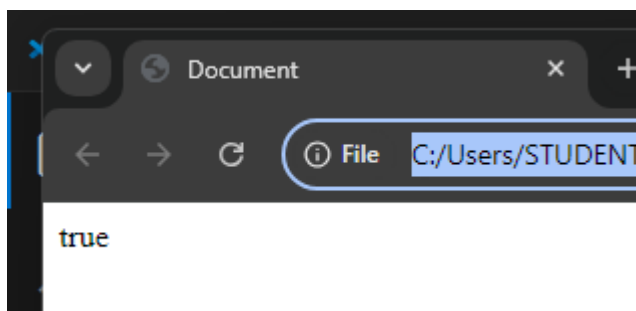
Output:



```
53. <!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 isEven=(a)=>{
      //(a%2==0)?'True':'False';
      if(a%2==0){
        return true;
      }
      else{
        return false;
      }
    }
    document.writeln(isEven(4));
  </script>
</body>
</html>
```

Output:



```
54. <!DOCTYPE html>
```

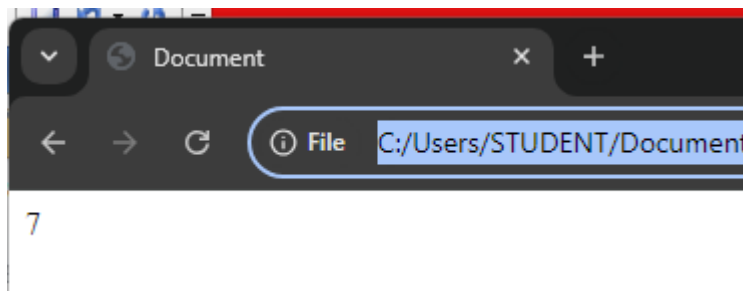
```
<html lang="en">
```

```

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    let max=(a,b)=>{
      if(a>b){
        return a;
      }
      else{
        return b;
      }
    }
    document.writeln(max(4,7));
  </script>
</body>
</html>

```

Output:



```

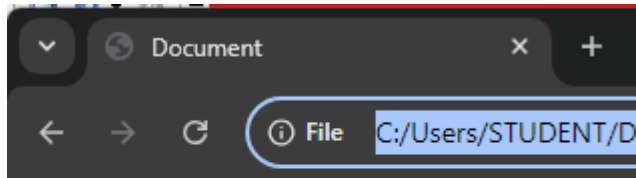
55. <!DOCTYPE html>

<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 obj={
      value:10,
      mularr:(a)=>{
        return this.value*a;
      },
      multa:function(a){
        return this.value*a;
      }
    };
    document.writeln(obj.mularr(4)+"<br>");
  </script>
</body>
</html>

```

```
        document.writeln(obj.multra(3));  
    </script>  
</body>  
</html>
```

Output:



NaN
30