

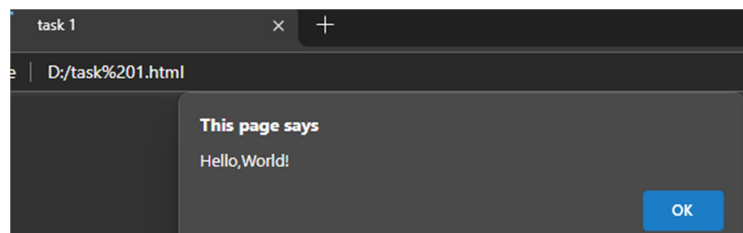
1)

```
<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      alert("Hello,World!")
    </script>
  </body>

</html>
```



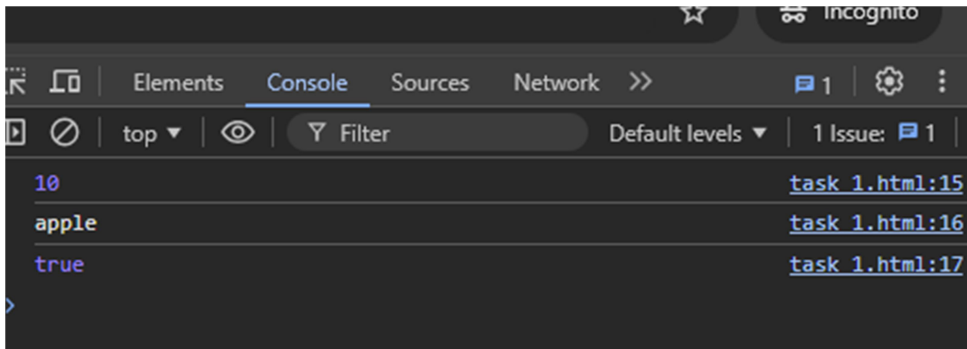
2)

```
<DOCTYPE html!>
<html>

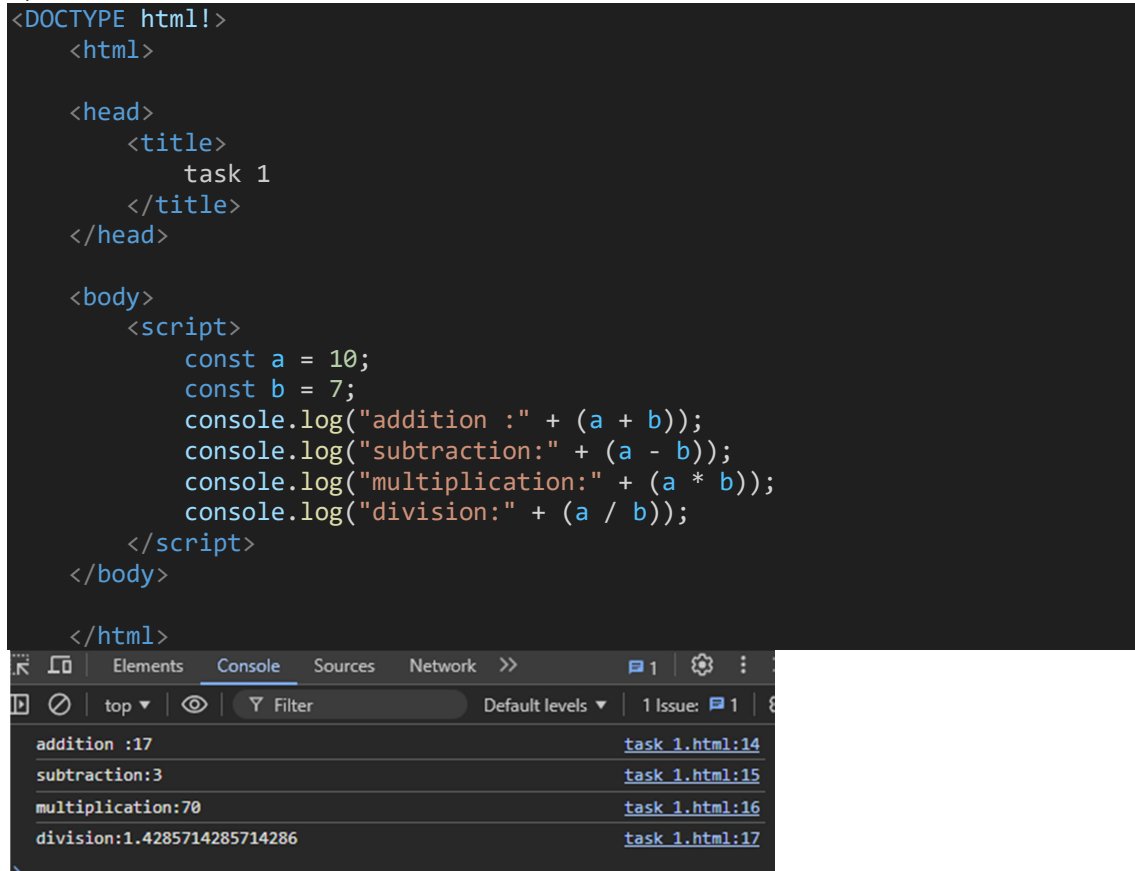
  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      const a = 10;
      let b = "apple";
      const c = true;
      console.log(a);
      console.log(b);
      console.log(c);
    </script>
  </body>

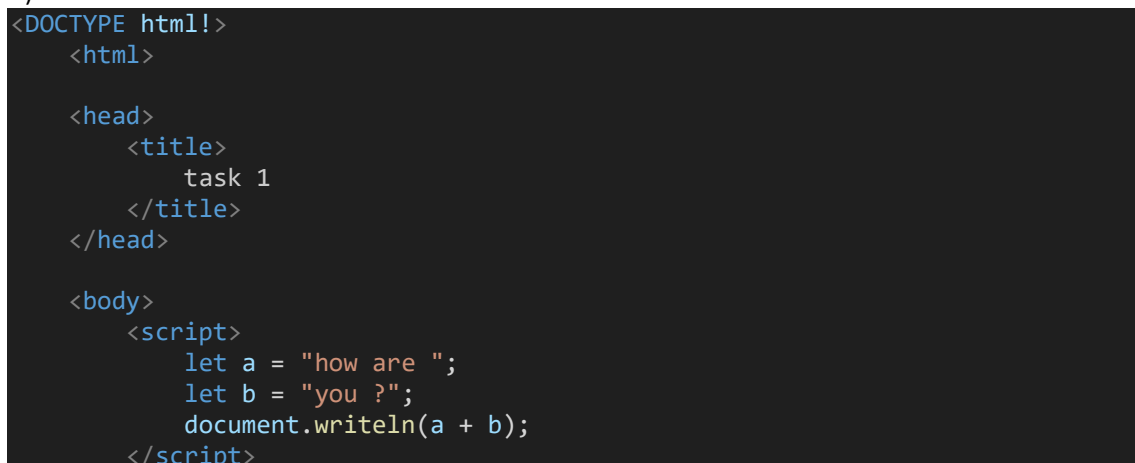
</html>
```



3)

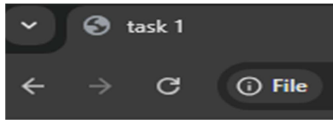


4)



```
</body>
```

```
</html>
```



how are you ?

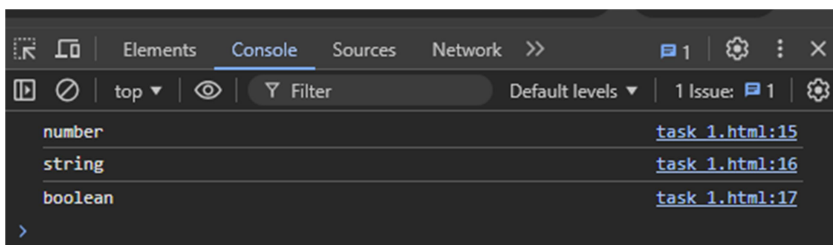
5)

```
<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      const a = 10;
      let b = "apple";
      const c = true;
      console.log(typeof (a));
      console.log(typeof (b));
      console.log(typeof (c));
    </script>
  </body>

</html>
```



6)

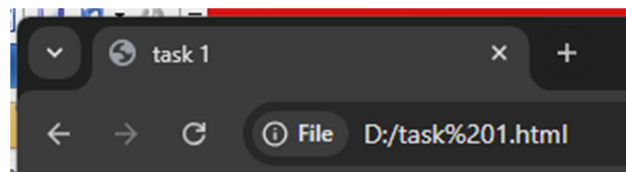
```
<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>
  <body>
    <script>
```

```

        document.writeln("single line comment<br>");// this is a sinle
line comment
        document.writeln("multi line comment"); /*this is a multiline
comment
                Any text between will be ignored by JavaScript */
    </script>
</body>
</html>

```



single line comment
multi line comment

7)

```

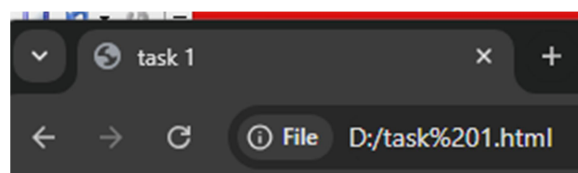
<DOCTYPE html!>
<html>

    <head>
        <title>
            task 1
        </title>
    </head>

    <body>
        <script>
            const a = 10;let b = "apple";const c = true;
            document.writeln(a+"<br>");
            document.writeln(b+"<br>");
            document.writeln(c+"<br>");
        </script>
    </body>

</html>

```



10
apple
true

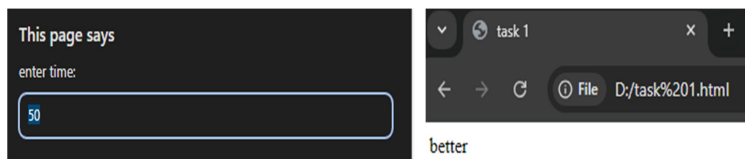
8)

```
<DOCTYPE html!>
<html>

<head>
  <title>
    task 1
  </title>
</head>

<body>
  <script>
    let marks=parseInt(prompt("enter time:",50));
    if (isNaN(marks)&&marks>100){
      alert("enter valid marks");
    } else{
      if(marks>=80&&marks<=100){
        document.writeln("very good");
      }else if(marks>=60&&marks<80){
        document.writeln(" good");
      }else if(marks>=40&&marks<60){
        document.writeln("better");
      }else {
        document.writeln("fail");
      }
    }
  </script>
</body>

</html>
```



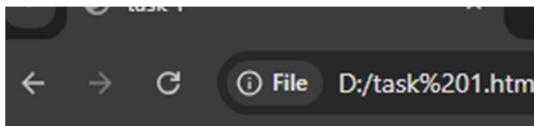
9)

```
<DOCTYPE html!>
<html>
<head>
  <title>
    task 1
  </title>
</head>
<body>
  <script>
    const a = 10;const b = "apple";const c = "flowers";
```

```

        document.writeln(a+"<br>");
        document.writeln(b+"<br>");
        document.writeln(c+"<br>");
    </script>
</body>
</html>

```



10
apple
flowers

11)

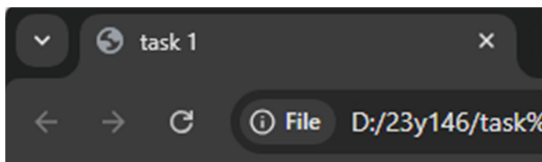
```

<DOCTYPE html!>
<html>

    <head>
        <title>
            task 1
        </title>
    </head>

    <body>
        <script>
            a = "how are ";
            document.writeln(a);
        </script>

```



how are

12)

```

<DOCTYPE html!>
<html>

    <head>
        <title>
            task 1
        </title>

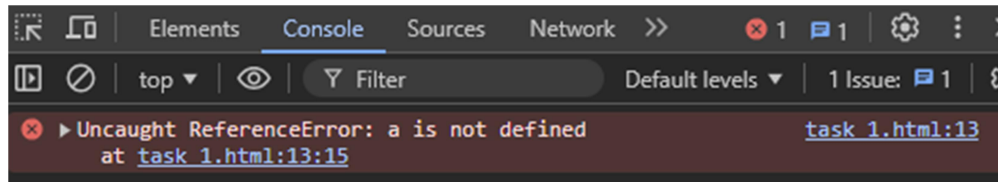
```

```

</head>

<body>
  <script>
    "use strict";
    a = "how are ";
    document.writeln(a );
  </script>

```



13)

```

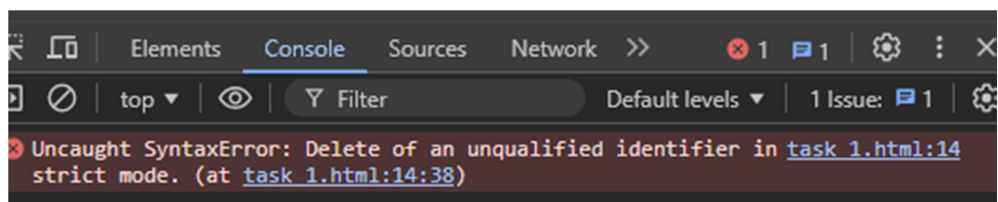
<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      "use strict";
      a = "how are ";
      document.writeln(delete(a));
    </script>
  </body>

</html>

```



14)

```

<DOCTYPE html!>
<html>

  <head>
    <title>

```

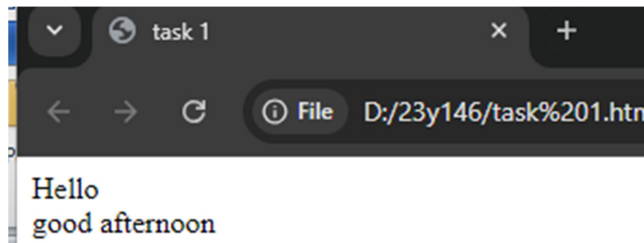
```

        task 1
    </title>
</head>

<body>
    <script>
        a = "Hello ";
        document.writeln(a+"<br>");
        "use strict";
        b="good afternoon"
        document.writeln(b);
    </script>
</body>

</html>

```



15)

```

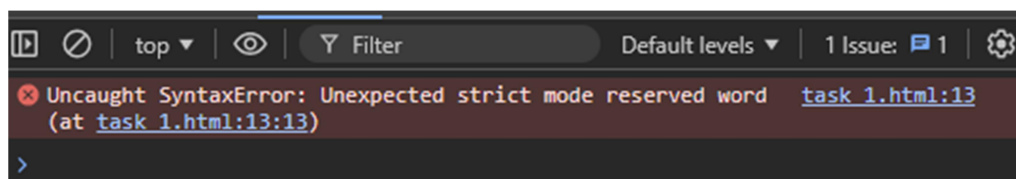
<DOCTYPE html!>
<html>

    <head>
        <title>
            task 1
        </title>
    </head>

    <body>
        <script>
            "use strict";
            let="Saha";
            document.writeln(name);
        </script>
    </body>

</html>

```



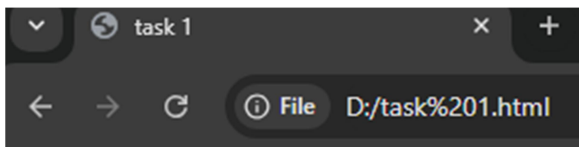
16)

```
<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      const a = 10;
      let b = "apple";
      const c = true;
      document.writeln(a+"<br>");
      document.writeln(b+"<br>");
      document.writeln(c+"<br>");
    </script>
  </body>

</html>
```



10
apple
true

17)

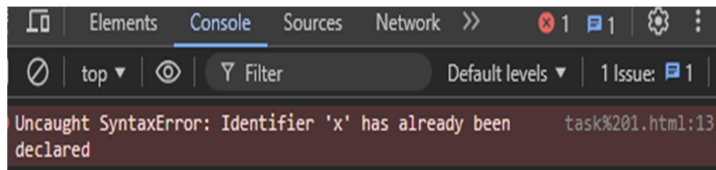
```
<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      const x=108;
      const x=12;
```

```
        document.writeln(y,"<br>");
    </script>
</body>

</html>
```



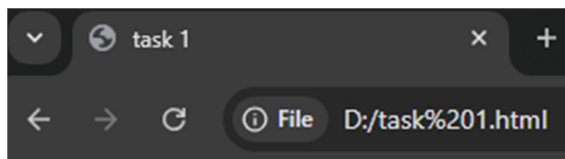
18)

```
<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      let x;
      document.writeln(x,"<br>");
    </script>
  </body>

</html>
```



undefined

19)

```
<DOCTYPE html!>
<html>

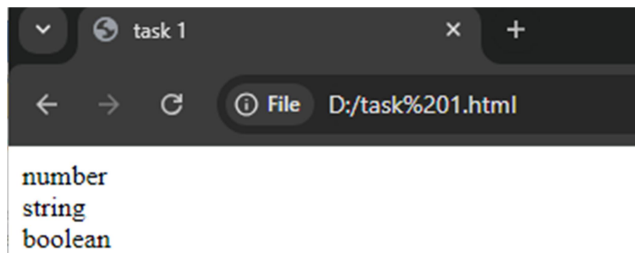
  <head>
    <title>
      task 1
    </title>
  </head>
```

```

<body>
  <script>
    const a = 71;
    const b = "karpagam";
    const c = true;
    document.writeln(typeof (a), "<br>");
    document.writeln(typeof (b), "<br>");
    document.writeln(typeof (c), "<br>");
  </script>
</body>

</html>

```



20)

```

<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      let s = "Saha";
      let n = "Saha";
      document.writeln(s + "<br>");
      document.writeln(n + "<br>");
    </script>
  </body>

</html>

```

Saha
Saha

21)

```

<DOCTYPE html!>
<html>

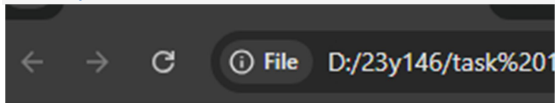
```

```

<head>
  <title>
    task 1
  </title>
</head>
<body>
  <script>
    let s = "Saha";
    let num = "7178";
    let bool = true;
    let nl = null;
    let u;
    document.writeln(s+"<br>");
    document.writeln(num+"<br>");
    document.writeln(bool+"<br>");
    document.writeln(nl+"<br>");
    document.writeln(u+"<br>");
  </script>
</body>

</html>

```



Saha
 7178
 true
 null
 undefined

22)

```

<!DOCTYPE html>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      let s = "Saha";
      let num = 7178;
      let bool = true;
      let l = null;
      let u;
      document.writeln(typeof (s) + "<br>");
    </script>
  </body>
</html>

```

```

        document.writeln(typeof (num) + "<br>");
        document.writeln(typeof (bool) + "<br>");
        document.writeln(typeof (1) + "<br>");
        document.writeln(typeof (u) + "<br>");

    </script>
</body>

</html>

```

P
 string
 number
 la boolean
 S object
 undefined

23)

```

<DOCTYPE html!>
<html>

    <head>
        <title>
            task 1
        </title>
    </head>

    <body>
        <script>
            let s = '$';
            document.writeln(typeof (s) + "<br>");

        </script>
    </body>

</html>

```

string

24)

```

<DOCTYPE html!>
<html>

    <head>
        <title>
            task 1
        </title>
    </head>

```

```

<body>
  <script>
    let l = null;
    document.writeln(typeof (l) + "<br>");
  </script>
</body>

</html>

```

object

25)

```

<DOCTYPE html!>
<html>

<head>
  <title>
    task 1
  </title>
</head>

<body>
  <script>
    let s = 'boringggg';
    var num = 7178;
    document.writeln(s + "<br>");
    document.writeln(num + "<br>");
  </script>
</body>

</html>

```

boringggg
7178

26)

```

<DOCTYPE html!>
<html>

<head>
  <title>
    task 1
  </title>
</head>

<body>
  <script>
    let s = "23";
    var num = "7178";

```

```

        document.writeln(typeof (+s) + "<br>");//implicit conversion
        document.writeln(typeof (parseInt(num)) + "<br>");//explicit
conversion
    </script>
</body>

</html>

```

```

number
number

```

27)

```

<DOCTYPE html!>
<html>

    <head>
        <title>
            task 1
        </title>
    </head>

    <body>
        <script>
            let s = true;
            let t = "false";
            document.writeln(typeof (toString(s)) + "<br>");//boolean to
string
            document.writeln(typeof (Boolean(t)) + "<br>");//string to boolean
        </script>
    </body>

</html>

```

```

string
boolean

```

28)

```

<DOCTYPE html!>
<html>

    <head>
        <title>
            task 1
        </title>
    </head>

    <body>
        <script>

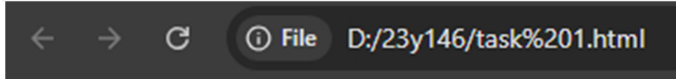
```

```

        let a = 7;
        let b = 46;
        document.writeln("Addition : " + (a + b), "<br>");
        document.writeln("Subtraction : " + (a - b), "<br>");
        document.writeln("Multiplication : " + (a * b), "<br>");
        document.writeln("Division : " + (a / b), "<br>");
    </script>
</body>

</html>

```



Addition : 53
 Subtraction : -39
 Multiplication : 322
 Division : 0.15217391304347827

29)

```

<DOCTYPE html!>
<html>

    <head>
        <title>
            task 1
        </title>
    </head>

    <body>
        <script>
            let a = 7;
            document.writeln("Value of a : " + a, "<br>");
            document.writeln("Value of a : " + (a++), "<br>");
            document.writeln("Value of a : " + (++a), "<br>");
            document.writeln("Value of 'a' after increment operations: " + a,
"<br>");
            document.writeln("Value of a : " + (a--), "<br>");
            document.writeln("Value of a : " + (--a), "<br>");
        </script>
    </body>

</html>

```


← → ↻ ⓘ File D:/23y146/task%201.html

Value of a : 7
Value of a : 7
Value of a : 9
Value of 'a' after increment operations: 9
Value of a : 9
Value of a : 7

30)

```
<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      let a = 7;
      let b = 3;
      let c = a % b + (a * b - b) % a + (--b + ++a);
      document.writeln("Value of c : " + c, "<br>");

    </script>
  </body>

</html>
```

← → ↻ ⓘ File D:/23y146/task%201.html

Value of c : 15

31)

```
<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      let a = 7;
```

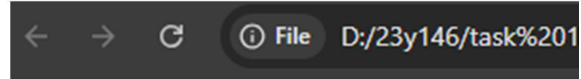
```

        let b = 46;
        document.writeln("a > b : " + (a > b), "<br>");
        document.writeln("a < b : " + (a < b), "<br>");
        document.writeln("a >= b : " + (a >= b), "<br>");
        document.writeln("a <= b : " + (a <= b), "<br>");

    </script>
</body>

</html>

```



```

a > b : false
a < b : true
a >= b : false
a <= b : true

```

32)

```

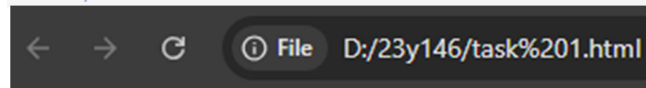
<DOCTYPE html!>
<html>

    <head>
        <title>
            task 1
        </title>
    </head>

    <body>
        <script>
            let a = "7178";
            let b = 7178;
            document.writeln((a == b) + "<br>");
            document.writeln((a === b) + "<br>");
        </script>
    </body>

</html>

```



```

true
false

```

33)

```

<DOCTYPE html!>
<html>

    <head>

```

```

<title>
  task 1
</title>
</head>

<body>
  <script>
    let a = "Sahana";
    let b = "sahana";
    document.writeln((a == b) + "<br>");
  </script>
</body>

</html>

```



34)

```

<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      let a = "7178";
      let b = 7178;
      document.writeln((a!=b) + "<br>");
      document.writeln((a!==b) + "<br>");
    </script>
  </body>

</html>

```

false
true

35)

```

<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1

```

```

</title>
</head>

<body>
  <script>
    let a = null;
    let b;
    document.writeln((a==b) + "<br>");
    document.writeln((a===b) + "<br>");
  </script>
</body>

</html>

```

true
false

36)

```

<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      let a = prompt("number:");
      if(a%2==0){
        document.writeln("even")
      }else{
        document.writeln("odd")
      }
    </script>
  </body>

</html>

```

even odd

127.0.0.1:5500 says

number:

OK

Cancel

37)

```

<DOCTYPE html!>
<html>

```

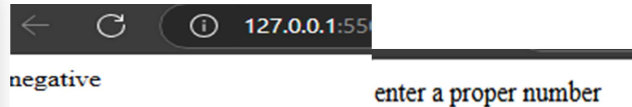
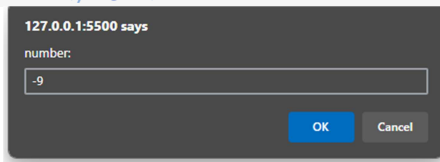
```

<head>
  <title>
    task 1
  </title>
</head>

<body>
  <script>
    let a = parseInt(prompt("number:"));
    if(a>0){
      document.writeln("positive");
    }else if(a<0){
      document.writeln("negative");
    }else if(a==0){
      document.writeln("zero");
    }else
      document.writeln("enter a proper number");
  </script>
</body>

</html>

```



38)

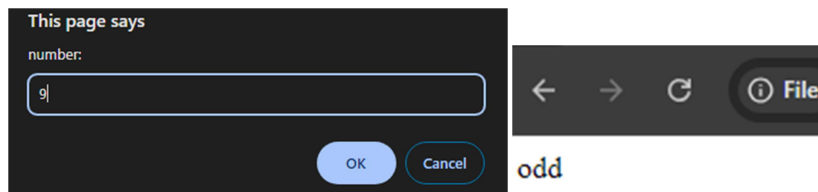
```

<DOCTYPE html!>
<html>
  <head>
    <title>
      task 1
    </title>
  </head>
  <body>
    <script>
      let a = prompt("number:");
      let ans= (a%2==0) ? "even":"odd";
      document.writeln(ans)

    </script>
  </body>

</html>

```

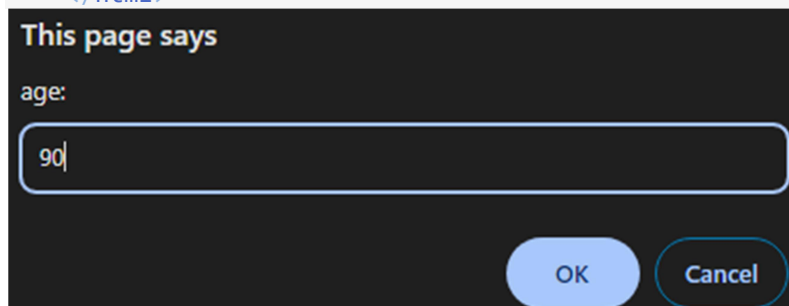


40)

```
<DOCTYPE html!>
<html>
<head>
  <title>
    task 1
  </title>
</head>
<body>
  <script>
    let a = prompt("age:");
    let eligibleToVote = (a>=18) ? "Yes":"No";
    document.writeln(eligibleToVote);

  </script>
</body>

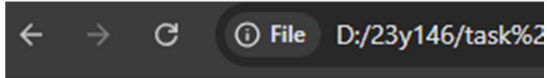
</html>
```



41)

```
<DOCTYPE html!>
<html>
<head>
  <title>
    task 1
  </title>
</head>
<body>
  <script>
    let a = 7;
    document.writeln((a>5&&a<50)+"<br>");
    document.writeln((a>5&&a>50)+"<br>");
    document.writeln((a>5 || a<50)+"<br>");
    document.writeln((!a)+"<br>");
```

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



true
false
true
false

42)

```
<DOCTYPE html!>
<html>
<head>
  <title>
    task 1
  </title>
</head>
<body>
  <script>
    let a = 7;
    if (a>1&&a<10)
      document.writeln("The number "+a+" is within 1-10");

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



The number 7 is within 1-10

43)

```
<DOCTYPE html!>
<html>
<head>
  <title>
    task 1
  </title>
</head>
<body>
  <script>
    let a = true;
    document.writeln("Inversion : "+!a);

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

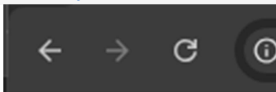


Inversion : false

44)

```
<DOCTYPE html!>
<html>
  <head>
    <title>
      task 1
    </title>
  </head>
  <body>
    <script>
      let a = 1
      let b = 0
      document.writeln(a&&b + "<br>");
      document.writeln(a||b + "<br>");

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

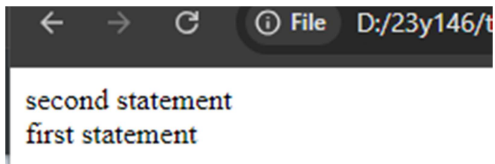


0
1

45)

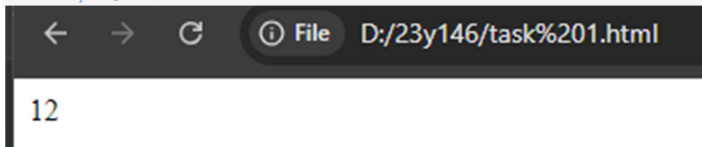
```
<DOCTYPE html!>
<html>
  <head>
    <title>
      task 1
    </title>
  </head>
  <body>
    <script>
      let a = "first statement";
      let b = "second statement";
      document.writeln(a && b + "<br>");
      document.writeln(a || b + "<br>");

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

46)

```
<DOCTYPE html!>
<html>
<head>
  <title>
    task 1
  </title>
</head>
<body>
  <script>
    function addition(n1,n2){
      document.writeln(n1+n2);
    }
    let result=addition(5,7);
  </script>
</body>
</html>
```



47)

```
<DOCTYPE html!>
<html>
<head>
  <title>
    task 1
  </title>
</head>
<body>
  <script>
    function area(n1,n2){
      document.writeln("Length:"+n1+"<br>")
      document.writeln("breadth:"+n2+"<br>")
      document.writeln(n1*n2);
    }
    let l=prompt("length:")
    let b=prompt("breadth:")
    let result=area(l,b);
  </script>
</body>
</html>
```

← → ↻ ⓘ File D:/23y146/task%20

Length:67
breadth:2
134

48)

```
<DOCTYPE html!>
<html>
<head>
  <title>
    task 1
  </title>
</head>
<body>
  <script>
    function str(){
      document.writeln("function without parameter")
    }
    str()
  </script>
</body>
</html>
```

← → ↻ ⓘ File D:/23y146/task%201.h

function without parameter

49)

```
<DOCTYPE html!>
<html>
<head>
  <title>
    task 1
  </title>
</head>
<body>
  <script>
    function nothing(){
      document.writeln("this function does nothing")
    }
    let result=nothing();
  </script>
</body>
</html>
```

← → ↻ ⓘ File D:/23y146/task%201.html

this function does nothing

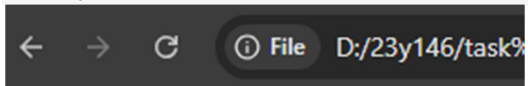
50)

```
<DOCTYPE html!>
<html>

  <head>
    <title>
      task 1
    </title>
  </head>

  <body>
    <script>
      function addition(n1, n2) {
        document.writeln("The sum of " + n1+" and " + n2+ " is " +(n1
+ n2), "<br>");
      }
      let result1 = addition(5, 7);
      let result2 = addition(-5, 7);
      let result3 = addition(5, -7);
      let result4 = addition(-5, -7);
    </script>
  </body>

</html>
```



The sum of 5 and 7 is 12
The sum of -5 and 7 is 2
The sum of 5 and -7 is -2
The sum of -5 and -7 is -12

51)