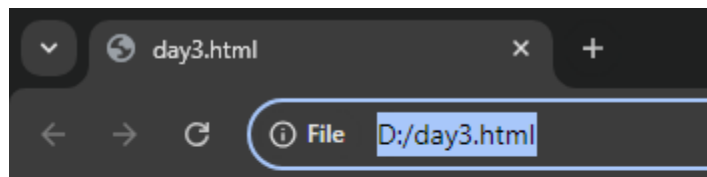## TASK 23

```html
<DOCTYPE! html>
  <html>
    <head>
    </head>
    <body>
      <script>
        let x=Symbol("ram")
        document.write(typeof(x));
      </script>
    </body>
  </html>
```
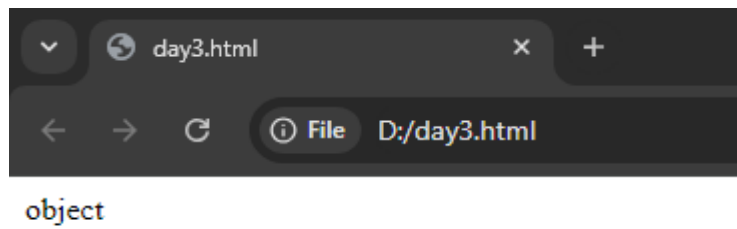
OUTPUT

day3.html

File D:/day3.html

symbol

TASK 24

```html
<DOCTYPE! html>
  <html>
    <head>
    </head>
    <body>
      <script>
        let x=null;
        document.write(typeof(x));
      </script>
    </body>
  </html>
```

OUTPUT:

object

TASK 25

```html
<DOCTYPE! html>
  <html>
    <head>
    </head>
    <body>
      <script>
        function a()
        {
          let d=50;
          if(true)
          {
            var b=20;
            let c=30;
          }
          document.writeln(d);
          document.writeln(b);
          document.writeln(c);
        }

        a();
      </script>
    </body>
  </html>
```
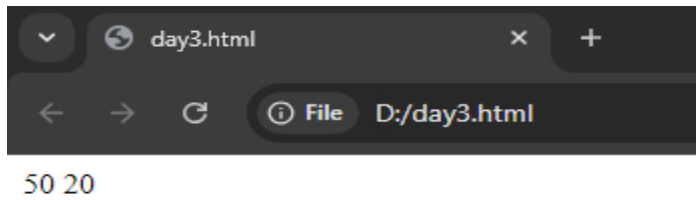
OUTPUT

File D:/day3.html

50 20

TASK 26

```html
<DOCTYPE! html>
 <html>
   <head>
   </head>
   <body>
     <script>
       let a="46";
       let b=a-1;
       document.writeln(typeof(b)+"<br>");
       let c="12";
       let d=Number(c);
       document.writeln(typeof(d));
     </script>
   </body>
 </html>
```
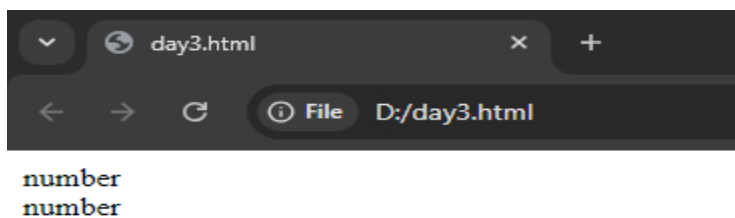
OUTPUT

File D:/day3.html

number
number

TASK 27

```html
<DOCTYPE! html>
  <html>
    <head>
    </head>
    <body>
      <script>
        let a=true
        let b=String(a);
        document.writeln(typeof(b)+"<br>");
        let c=Boolean(b);
        document.writeln(typeof(c));
      </script>
    </body>
  </html>
```
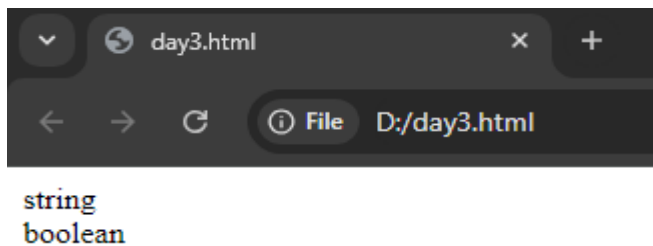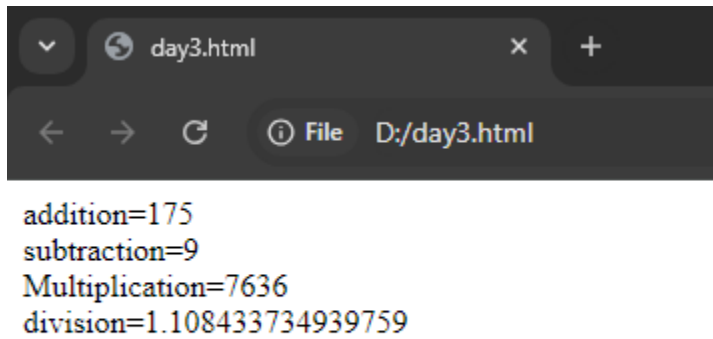
OUTPUT:

string
boolean

TASK 28

```html
<DOCTYPE! html>
  <html>
    <head>
    </head>
    <body>
      <script>
        let a=92;
        let b=83;
        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>
```

OUTPUT

addition=175
subtraction=9
Multiplication=7636
division=1.108433734939759

TASK 29

```html
<DOCTYPE! html>
   <html>
      <head>
      </head>
       <body>
         <script>
            let a=2;
            document.writeln(a++ +"<br>");
            document.writeln(++a +"<br>");
            document.writeln(a-- +"<br>");
            document.writeln(--a +"<br>");
         </script>
      </body>
   </html>
```
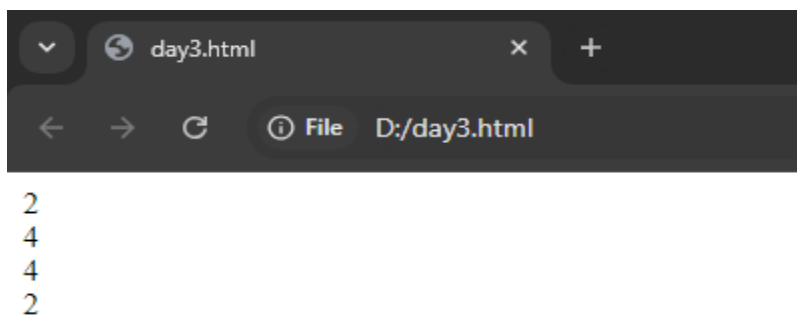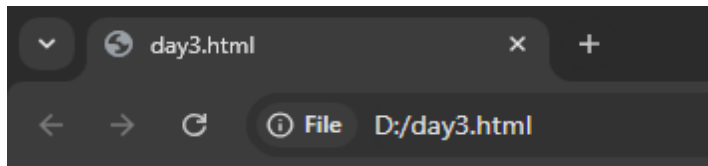
OUTPUT:

2
4
4
2

TASK 30

```html
<DOCTYPE! html>
  <html>
    <head>
    </head>
    <body>
      <script>
        x=2+(8-3)*9;
        document.writeln(x+"<br>");
      </script>
    </body>
  </html>
```

day3.html × +

← → C ⓘ File D:/day3.html

47

TASK 31

```html
<DOCTYPE! html>
  <html>
    <head>
    </head>
    <body>
      <script>
        let x=5;
        let y=3;
        if(x>y||x>=y)
        {
         document.writeln("True");
        }
        else if(x<y||x<=y)
        {
        document.writeln("False");
        }
      </script>
    </body>
  </html>
```
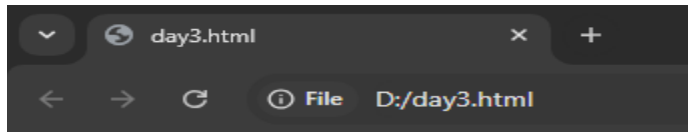
TASK 32

```html
<DOCTYPE! html>
 <html>
   <head>
   </head>
   <body>
    <script>
      let a=1;
      let b=true;
      let c=null;
      document.writeln((a=="1")+"<br>");
      document.writeln((b==1)+"<br>");
      document.writeln((c==undefined)+"<br>");
      document.writeln((a==="1")+"<br>");
      document.writeln((b===1)+"<br>");
      document.writeln((c===undefined)+"<br>");

    </script>
   </body>
 </html>
```
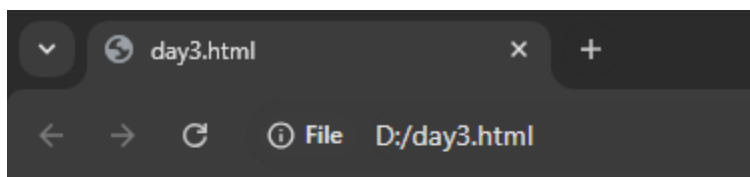
true
true
true
false
false
false

TASK 33

```html
<DOCTYPE! html>
  <html>
    <head>
    </head>
    <body>
      <script>
        let str1="abishek";
        let str2="bala";
        if(str1>str2)
        {
        document.writeln("str1 is greater"+"<br>");
        }else if(str1<str2){
        document.writeln("str2 is greater"+"<br>");
        }
      </script>
    </body>
  </html>
```
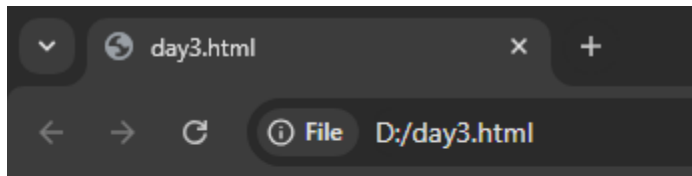
day3.html   ×   +

← → C ⓘ File D:/day3.html

str2 is greater

TASK 34

```html
<DOCTYPE! html>
  <html>
    <head>
    </head>
    <body>
      <script>
        let a=4;
        let b=8;
        document.writeln((a!=b)+"<br>");
        document.writeln((a!==b)+"<br>");
      </script>
```
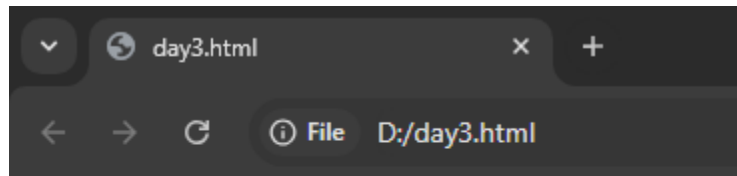
```
        </body>
    </html>
```


true
true

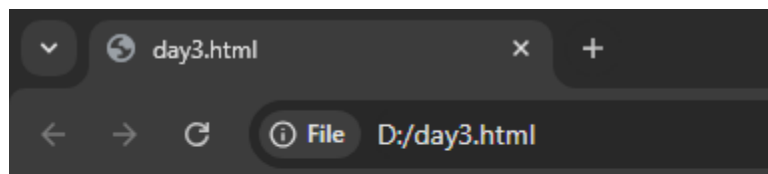## TASK 35

```
<DOCTYPE! html>
    <html>
        <head>
        </head>
        <body>
            <script>
                let a=null;
                let b=undefined;
                document.writeln((a==b)+"<br>");
                document.writeln((a===b)+"<br>");
            </script>
        </body>
    </html>
```
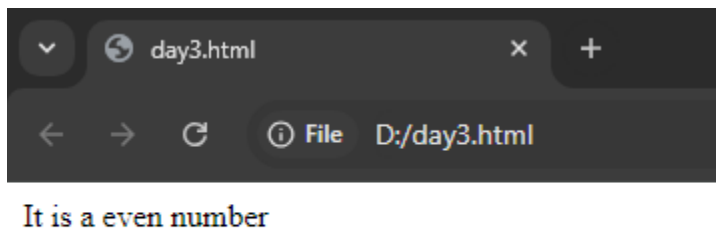

true
false

TASK 36

```html
<DOCTYPE! html>
   <html>
      <head>
      </head>
       <body>
         <script>
           let a=6;
           if(a%2==0)
           {
            document.writeln("It is a even number");
           }else{
            document.writeln("It is a odd number");
           }
           </script>
        </body>
     </html>
```

day3.html   ×   +

← → C ⓘ File D:/day3.html

It is a even number

TASK 37

```html
<DOCTYPE! html>
   <html>
      <head>
      </head>
       <body>
         <script>
            var a;
           function classify(a){
           if(a!=0)
           {
           if(a>0)
           {
            document.writeln("postivie number"+"<br>");
```
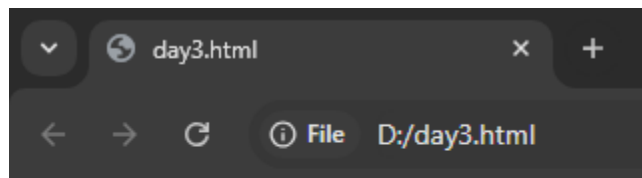
```
        }
        else if(a<0)
        {
         document.writeln("negative"+"<br>");
        }
        }
        else{
         document.writeln("zero"+"<br>");
        }
      }
      classify(-21);
      classify(0);
      classify(8);
      </script>
     </body>
   </html>
```

day3.html

File D:/day3.html

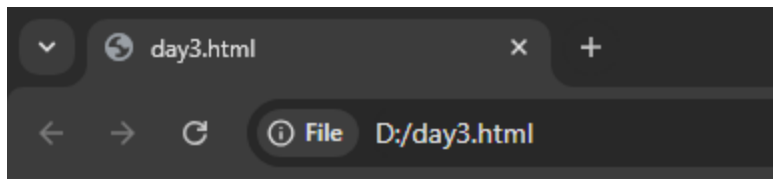negative
zero
postivie number

TASK 38

```
<DOCTYPE! html>
   <html>
      <head>
      </head>
      <body>
        <script>
          let a=5;
          let b=2;
          document.writeln((a>b)?"a is greater":"a is lesser");
          </script>
       </body>
    </html>
```

a is greater

TASK 39

```html
<DOCTYPE! html>
    <html>
        <head>
        </head>
         <body>
           <script>
              let a=null;
              document.writeln(a?"valid":"invalid");
              </script>
           </body>
        </html>
```
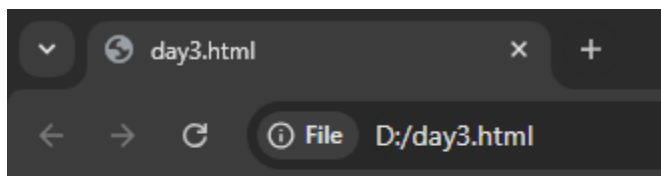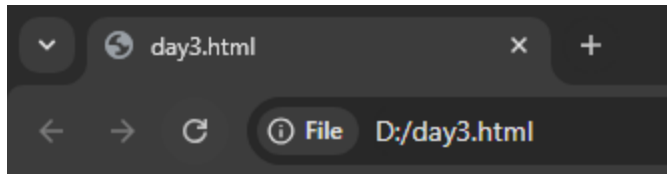
invalid

TASK 40

```html
<DOCTYPE! html>
    <html>
        <head>
        </head>
         <body>
           <script>
              let a;
```

```
        document.writeln((a!=0)?a=5:a=0);
      </script>
    </body>
  </html>
```

day3.html

File D:/day3.html

5

TASK 41

```
<DOCTYPE! html>
  <html>
    <head>
    </head>
    <body>
      <script>
        let a=10;
        let b=8;
        let c=10;
        if(a==b&&a==c)
        {
         document.writeln("a");
        }
        else if(a==b||a==c)
        {
         document.writeln("b");
        }
        else if(c!=b)
        {
         document.writeln("c is not equal to b");
        }
      </script>
    </body>
  </html>
```
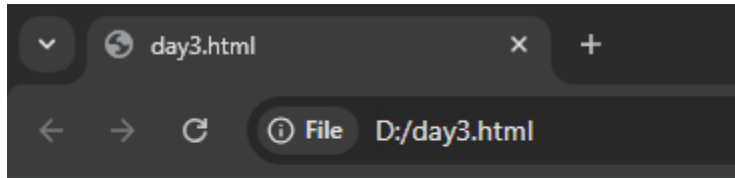
OUTPUT:

b