

## TASK 36

```
<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>
      <script>
        let a=prompt("Enter the number to check ");
        if(a%2==0)
        {
          alert("WOW!!! Its ia even number ");
          document.writeln("the given number is even ");
        }
        else
        {
          alert("opps!!! its is odd number ");
          document.writeln("the given number is odd");
        }
      </script>
    </body>
  </head>
</html>
```

This page says

Enter the number to check

OK Cancel

Google Chrome isn't your default browser [Set as default](#)

the given number is odd

## TASK 37

```
<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>
      <script>
```

```

    let a=prompt("Enter the number to check ");
    if(a>0)
    {
        document.writeln("the number is positive");
    }
    else if(a<0)
    {
        document.writeln("the number is negative");
    }
    else{
        document.writeln("the number is zero");
    }
}
</script>
</body>
</head>
</html>

```

This page says  
Enter the number to check

OK Cancel

the number is negative

## TASK 38

```

<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>
      <script>
        let a=prompt("A??",0);
        document.write(a>0 ? "the given number is poistive " : a<0 ?
"the given number is negative " : "the given number is zero");
        // document.write(a>0 ? "positive " : "negative");

      </script>
    </body>
  </head>
</html>

```

This page says  
A??

OK Cancel

the given number is zero

Reload this page, hold to

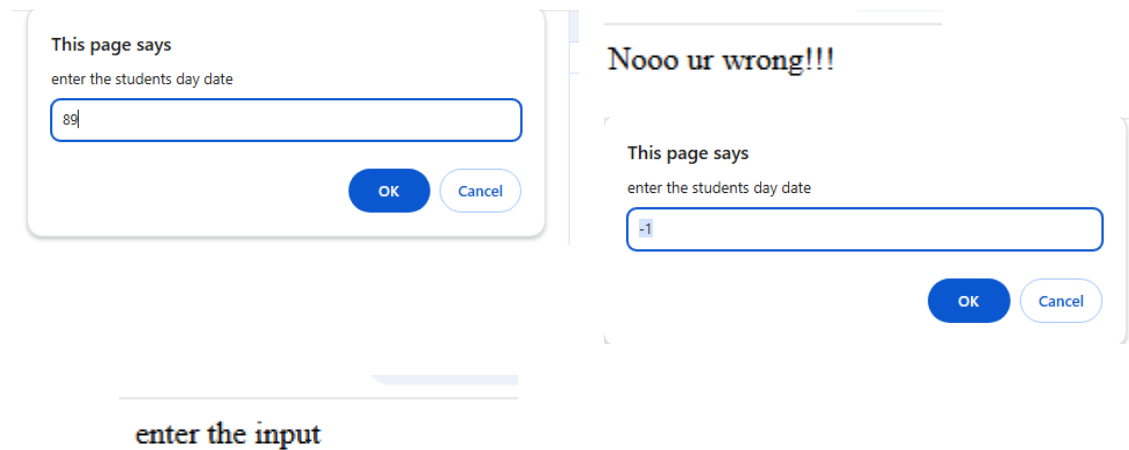
## TASK 39

```

<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>
      <script>
        let a=prompt("enter the students day date",-1);
        let ans=14;
        (a==14 ? document.write("enter the input ") : a==14 ?
document.write("yaahhh its is correct  ") : document.write("Nooo ur wrong!!! ")
);

      </script>
    </body>
  </head>
</html>

```

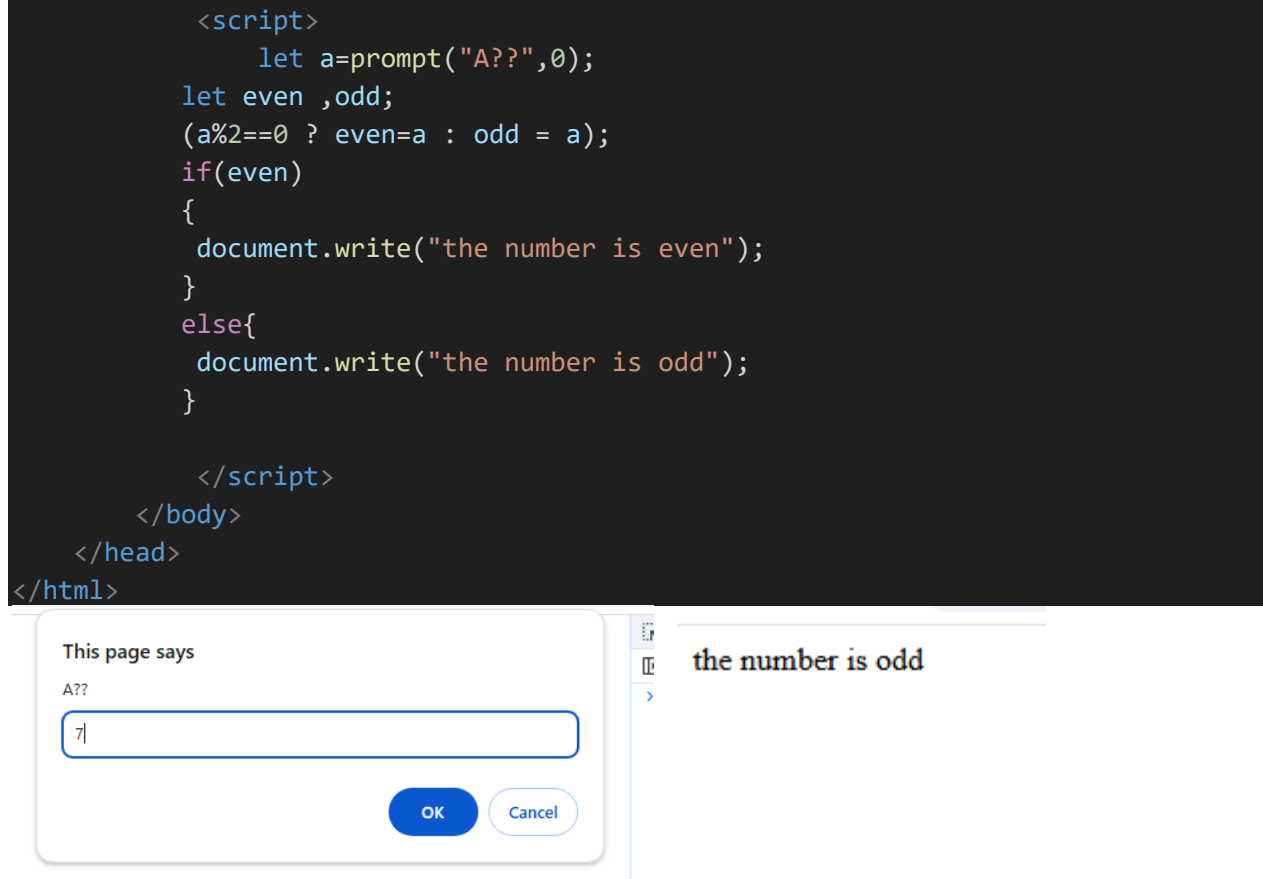


#### TASK 40

```

<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>

```



#### TASK 41

```
<html>
<title>JAVA SCRIPT task</title>
<head>
<body>
<script>
    let admin=prompt("Admin??",'JAI');
    let password=prompt("password ",1234) ;
    if(admin=="JAI" && password == 1234 )
    {
        document.write("admin access is provided ");
    }
    else if (admin=="KAVIYA " || password == 12345)
    {
        document.write("guest access is provided ");
    }
    else if(admin!="KAVIYA " && password != 12345 || admin!="JAI" &&
password != 1234 )
    {
```

```

        document.write("plesae enter the valid admin and password");
    }

</script>
</body>
</head>
</html>

```

This page says

Admin??

OK Cancel

This page says

password

OK Cancel

admin access is provided

## TASK 42

```

<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>
      <script>
        let a=prompt("A??",0);
        if(a==0)
        {
            document.write("enter the valid number");

        }
        else if(a>=0 && a<=50)
        {
            document.write("you entered the correct number");
        }
        else
        {
            document.write("please enter the correct number ");
        }

      </script>
    </body>
  </head>
</html>

```

This page says

A??

OK

Cancel

you entered the correct number

TASK 43

```
<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>
      <script>
        let a=Boolean((prompt("BOOLEAN VALUE ??")));
        //let res=a;
        //console.log(typeof a)
        document.writeln(typeof a);
        document.writeln(!a);

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

This page says

BOOLEAN VALUE ??

OK

Cancel

boolean true

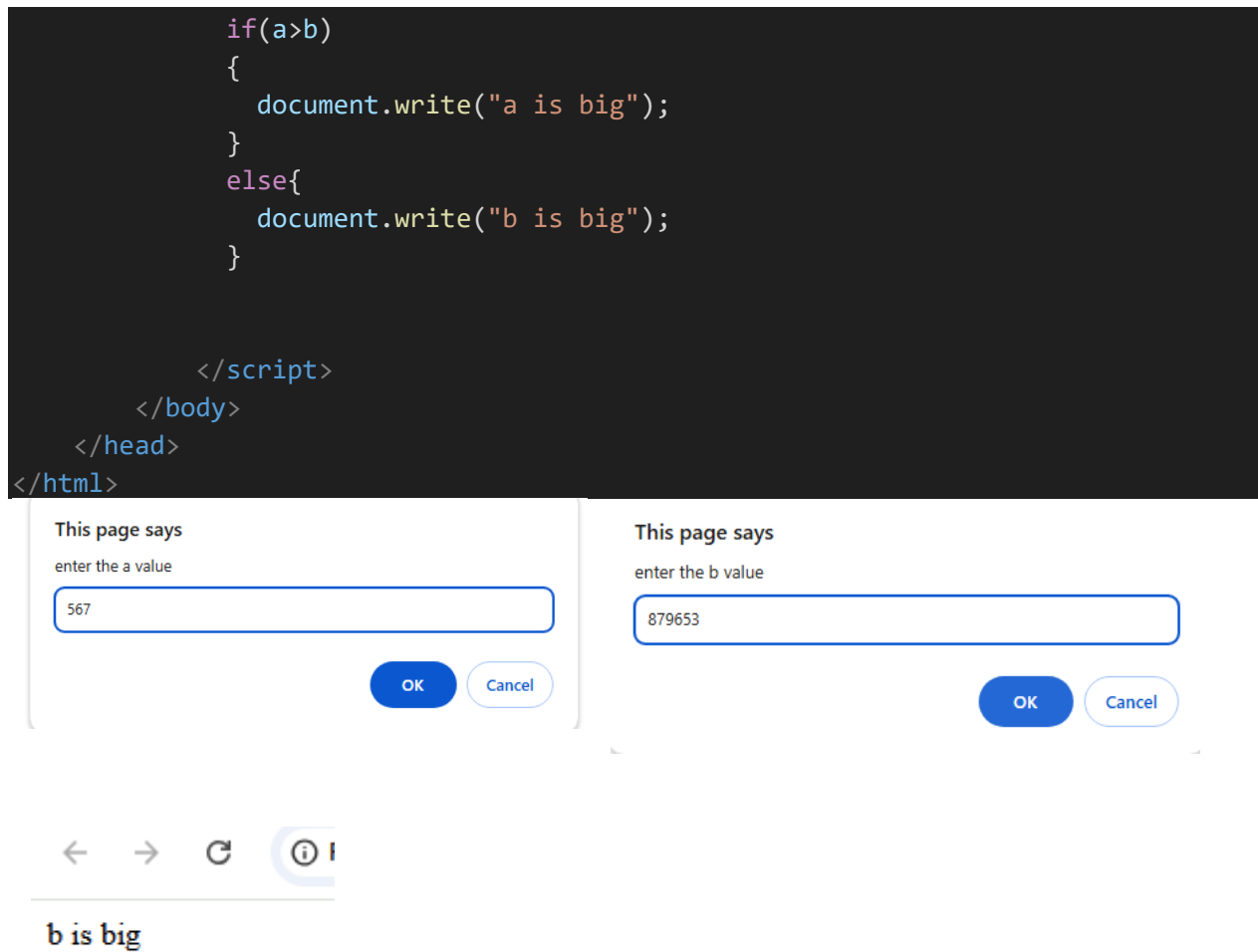
TASK 44

SHORT CIRCUITING LOGICAL OPERATORS:

If do the operatios using if statement it may contain many conditios to avoid tahat if we use the logical operators it may reduce the condition cost ...

TASK 45

```
<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>
      <script>
        let a=prompt("enter the a value");
        let b= prompt("enter the b value");
```



#### TASK 46

```
<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>
      <script>
        function sum(a,b)
        {
            return a+b;
        }
        let a=parseInt(prompt("A??",0));
        let b=parseInt(prompt("b??",0));
        let add=sum(a,b);
        document.write("The sum is "+add);
      </script>
    </body>
```

```
</head>
</html>
```

This page says

A??

OK Cancel

This page says

b??

OK Cancel

---

The sum is 635

TASK 47

```
<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>
      <script>
        function area(l,b)
        {
          return l*b;
        }
        let l,b;
        // let a=parseInt(prompt("A??",0));
        // let b=parseInt(prompt("b??",0));
        let rectangle=area(7,4);
        document.write("The area of rectangle is "+rectangle);
      </script>
    </body>
  </head>
</html>
```

The area of rectangle is 28

TASK 48

```
<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>
      <script>
        function call()
        {
          document.write("HI HELLO JAI !!!!")
        }
        // let a=parseInt(prompt("A??",0));
        // let b=parseInt(prompt("b??",0));
        call();
      </script>
    </body>
  </head>
</html>
```



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

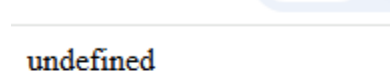


The screenshot shows a web browser window with a dark background. The address bar displays 'File C:/Use'. The main content area shows the text 'HI HELLO JAI !!!!' in a light blue, monospace-style font.

#### TASK 49

```
<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>
      <script>
        function call(a,b)
        {
          a+b;
        }
        // let a=parseInt(prompt("A??",0));
        // let b=parseInt(prompt("b??",0));
        document.write(call(10,20));

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



The screenshot shows a web browser window with a dark background. The address bar is empty. The main content area shows the text 'undefined' in a light blue, monospace-style font.

It returns the undefined . Because the user didn't return any value so the compiler takes itself as undefined.

#### TASK 50

```
<html>
  <title>JAVA SCRIPT task</title>
  <head>
    <body>
      <script>
        function call(a=10,b=10)
```

```
        {  
          return a+b;  
        }  
        document.write("the ans with default parameter "+"<br>");  
        let ans = call();  
        document.write(ans+"<br>");  
        let ans2=call(2000,2000);  
        document.write("the ans without default parameter "+"<br>");  
        document.write(ans2);  
      </script>  
    </body>  
  </head>  
</html>
```

the ans with default parameter  
20  
the ans without default parameter  
4000