

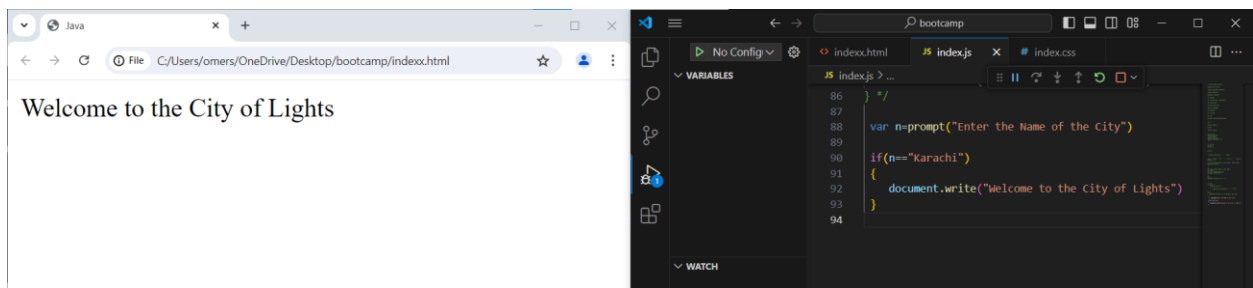
Test 2 for Javascript

Code:

```
var n=prompt("Enter the Name of the City")

if(n=="Karachi")
{
    document.write("Welcome to the City of Lights")
}
```

Output:



Code:

```
var n=prompt("Enter Signal Color")

if(n=="red")
{
    document.write("<h2>Must STOP!</h2>")
}

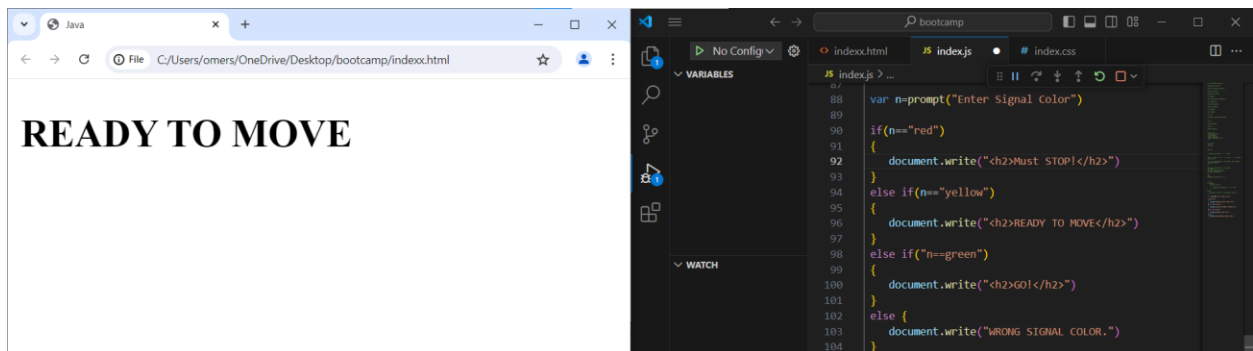
else if(n=="yellow")
{
    document.write("<h2>READY TO MOVE</h2>")
}
```

```

else if("n==green")
{
    document.write("<h2>GO!</h2>")
}
else {
    document.write("WRONG SIGNAL COLOR.")
}

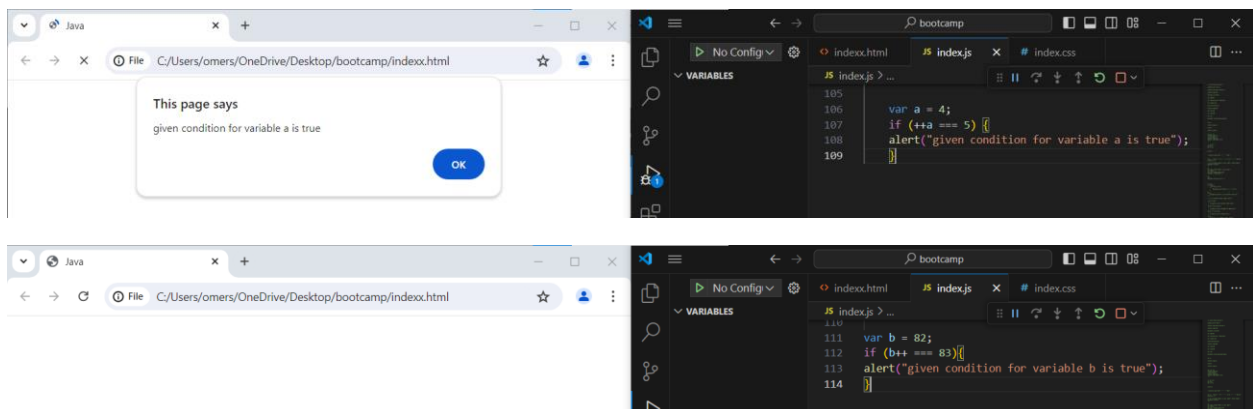
```

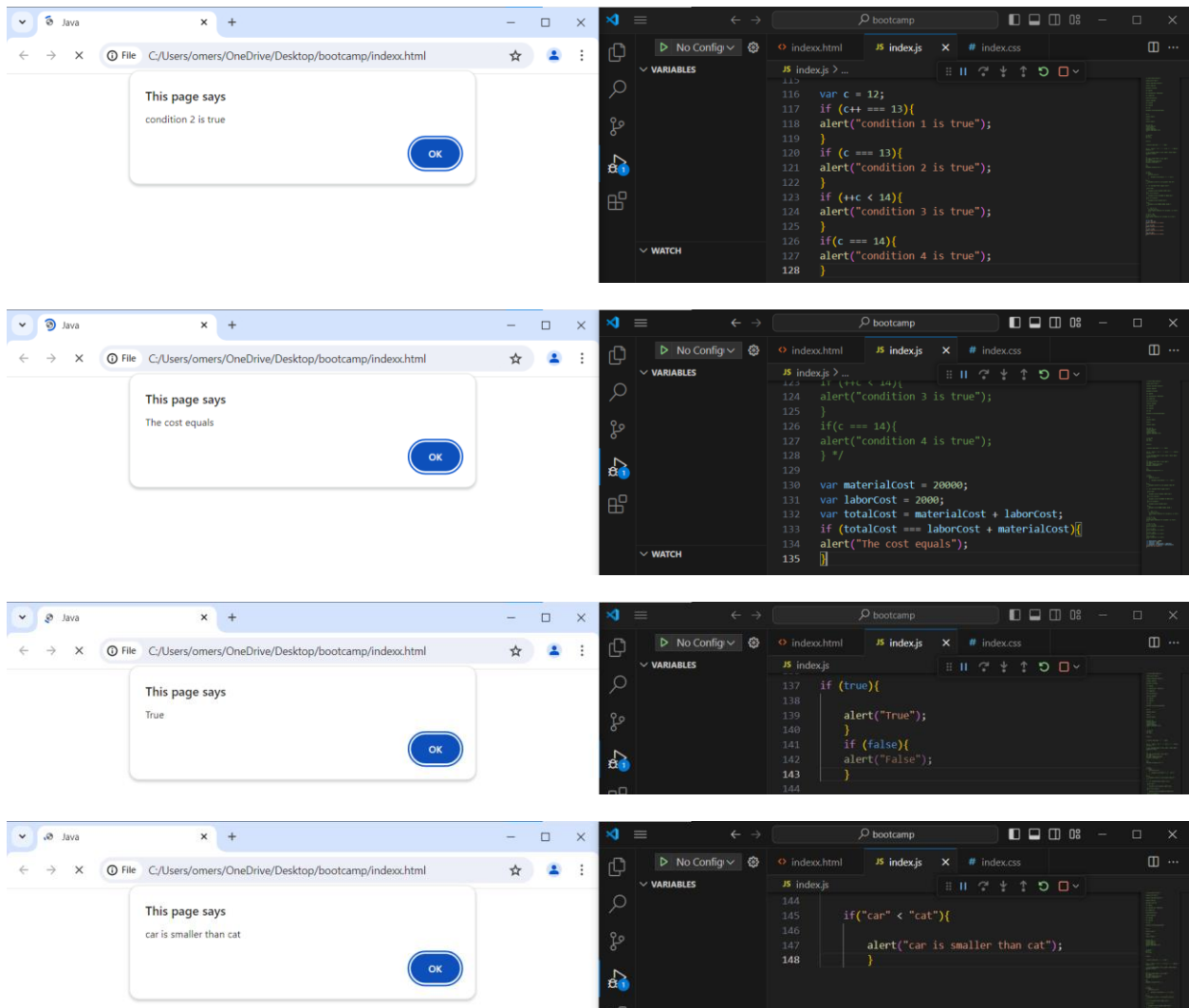
Output:



Code:

Output:





Code:

```
var a=prompt("Enter Subject 1 Marks:");
```

```
var b=prompt("Enter Subject 2 Marks:");
```

```
var c=prompt("Enter Subject 3 Marks:");
```

```
var sum = parseFloat(a) + parseFloat(b) + parseFloat(c);
```

```
document.write("<h1>Mark Sheet</h1><br><br>")
```

```
var percent= (sum/300)*100
```

```
if(percent>=80)
```

```
{
```

```
document.write("<p>Total Marks: 300</p><br>")
```

```
document.write("<p>Obtained Marks: " + sum + "</p><br>")
```

```
document.write("<p>Percentage: " + percent + "%</p><br>")
```

```
document.write("<p>Grade: A</p><br>")
```

```
document.write("<p>Excecelent!</p><br>")
```

```
}
```

```
else if(percent>=70) {
```

```
    document.write("<p>Total Marks: 300</p><br>")
```

```
    document.write("<p>Obtained Marks: " + sum + "</p><br>")
```

```
    document.write("<p>Percentage: " + percent + "%</p><br>")
```

```
    document.write("<p>Grade: B</p><br>")
```

```
    document.write("<p>Good</p><br>")
```

```
}
```

```
else if(percent>=60)
```

```
{
```

```
document.write("<p>Total Marks: 300</p><br>")
```

```
document.write("<p>Obtained Marks: " + sum + "</p><br>")
```

```
document.write("<p>Percentage: " + percent + "%</p><br>")
```

```
document.write("<p>Grade: C</p><br>")
```

```
document.write("<p>Needs to be Improved!</p><br>")
```

```
}
```

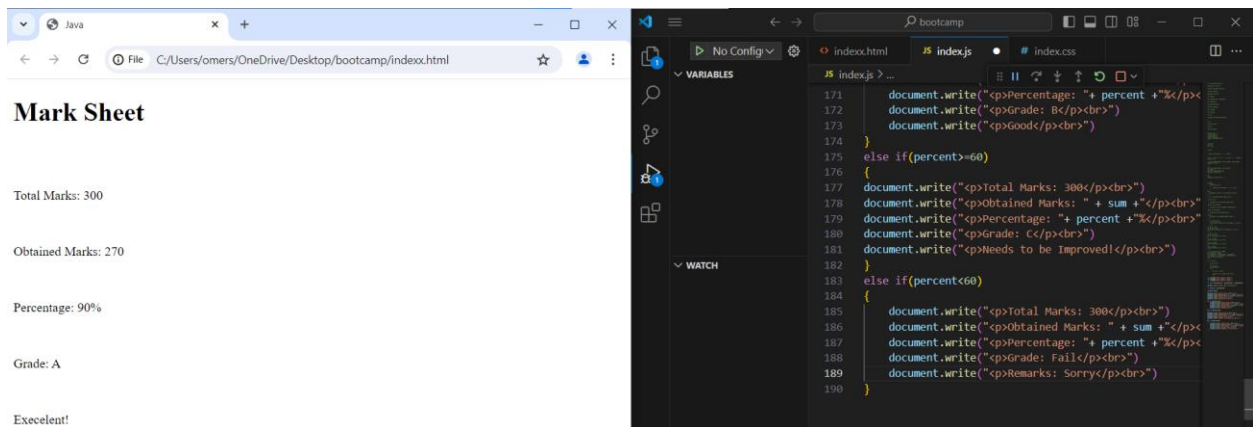
```
else if(percent<60)
```

```

{
    document.write("<p>Total Marks: 300</p><br>")
    document.write("<p>Obtained Marks: " + sum + "</p><br>")
    document.write("<p>Percentage: " + percent + "%</p><br>")
    document.write("<p>Grade: Fail</p><br>")
    document.write("<p>Remarks: Sorry</p><br>")
}

```

Output:



Code:

```

var a=4

var guessnumber=prompt("Enter a Number(1-10): ")

if(a==parseInt(guessnumber))
{
    document.write("You have Guessed Right!");
}

else if (++a==parseInt(guessnumber))

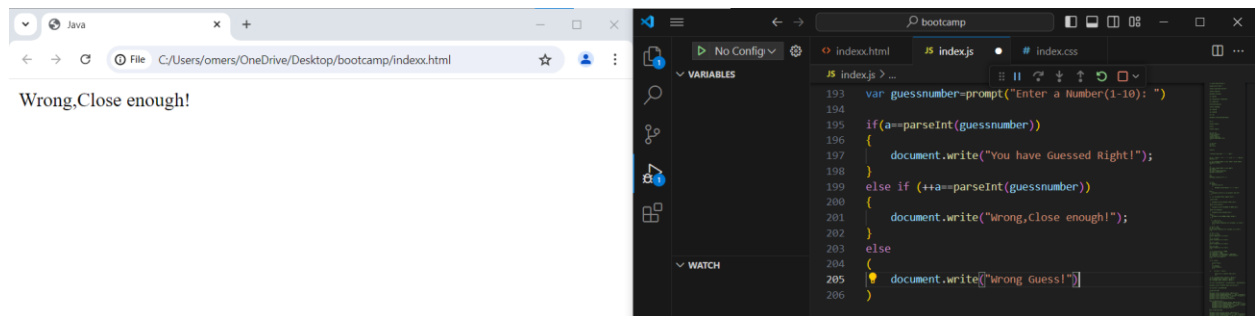
```

```

{
    document.write("Wrong,Close enough!");
}
else
(
    document.write("Wrong Guess!")
)

```

Output:



Code:

```
var input=prompt("Enter Number to check if even/odd: ")
```

```
if(parseInt(input)%2==0)
```

```

{
    alert("Your Number is EVEN!")
}

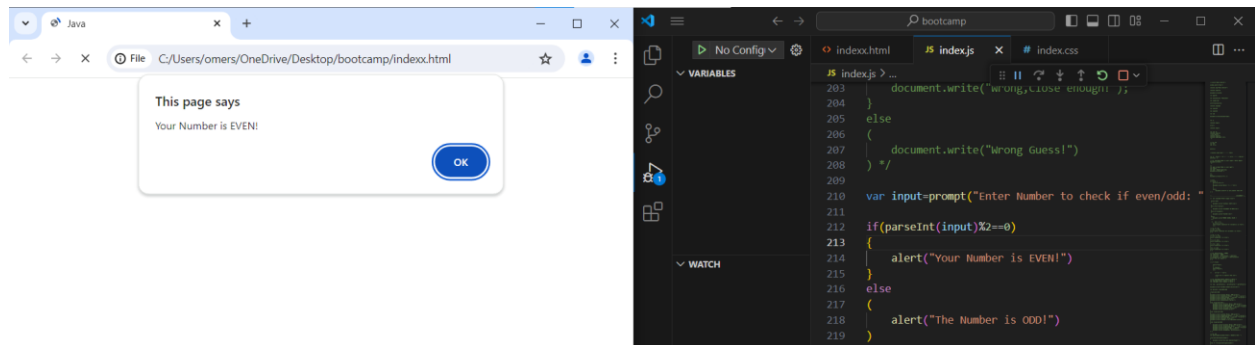
```

```

else
(
    alert("The Number is ODD!")
)

```

Output:



Code:

```
var num1=prompt("Enter Number 1: ")
var num2=prompt("Enter Number 2: ")
var operator=prompt("Enter Operator: ")
```

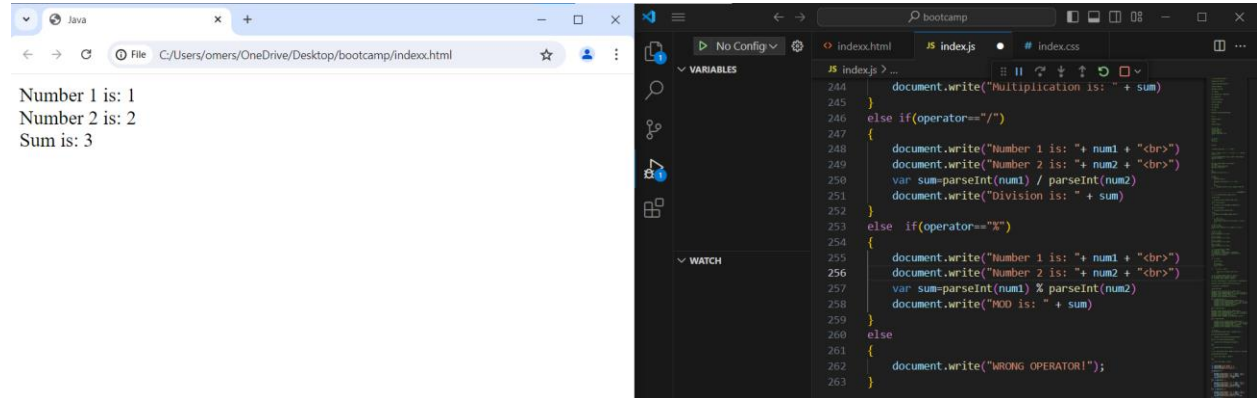
```
if(operator=="+")
{
    document.write("Number 1 is: "+ num1 + "<br>")
    document.write("Number 2 is: "+ num2 + "<br>")
    var sum=parseInt(num1) + parseInt(num2)
    document.write("Sum is: " + sum)
}
else if(operator=="-")
{
    document.write("Number 1 is: "+ num1 + "<br>")
    document.write("Number 2 is: "+ num2 + "<br>")
    var sum=parseInt(num1) - parseInt(num2)
```

```
        document.write("Subtraction is: " + sum)
    }
    else if(operator=="x")
    {
        document.write("Number 1 is: "+ num1 + "<br>")
        document.write("Number 2 is: "+ num2 + "<br>")
        var sum=parseInt(num1) * parseInt(num2)
        document.write("Multiplication is: " + sum)
    }
    else if(operator=="/")
    {
        document.write("Number 1 is: "+ num1 + "<br>")
        document.write("Number 2 is: "+ num2 + "<br>")
        var sum=parseInt(num1) / parseInt(num2)
        document.write("Division is: " + sum)
    }
    else if(operator=="%")
    {
        document.write("Number 1 is: "+ num1 + "<br>")
        document.write("Number 2 is: "+ num2 + "<br>")
        var sum=parseInt(num1) % parseInt(num2)
        document.write("MOD is: " + sum)
    }
    else
    {
        document.write("WRONG OPERATOR!");
```



```
}
```

Output:



Code:

```
var a=prompt("Enter Number: ")
```

```
if(parseInt(a)==0)
```

```
{
```

```
    document.write("Number is Zero!");
```

```
}
```

```
else if (parseInt(a)>1)
```

```
{
```

```
    document.write("Number is Positive");
```

```
}
```

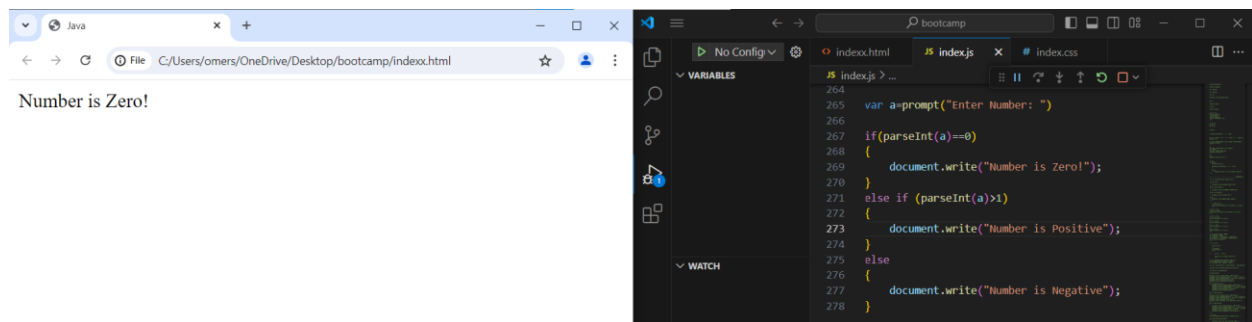
```
else
```

```
{
```

```
    document.write("Number is Negative");
```

```
}
```

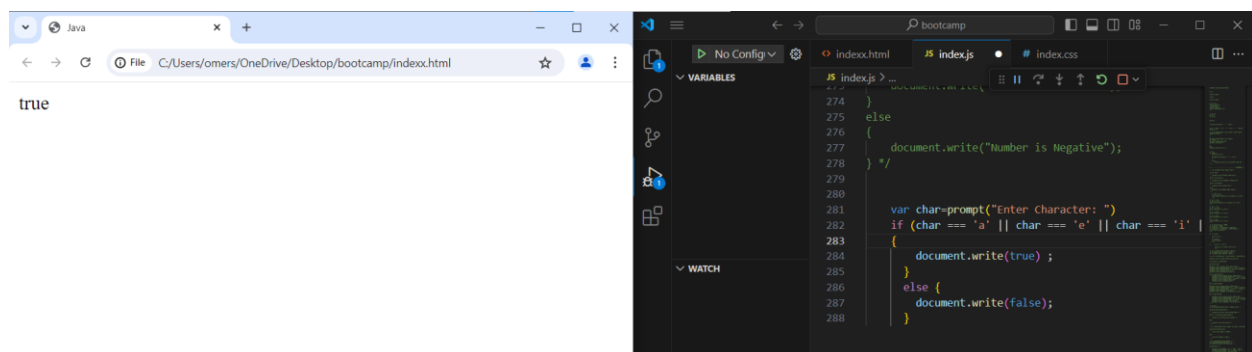
Output:



Code:

```
var char=prompt("Enter Character: ")
if (char === 'a' || char === 'e' || char === 'i' || char === 'o' || char === 'u')
{
    document.write(true);
}
else {
    document.write(false);
}
```

Output:



Code:

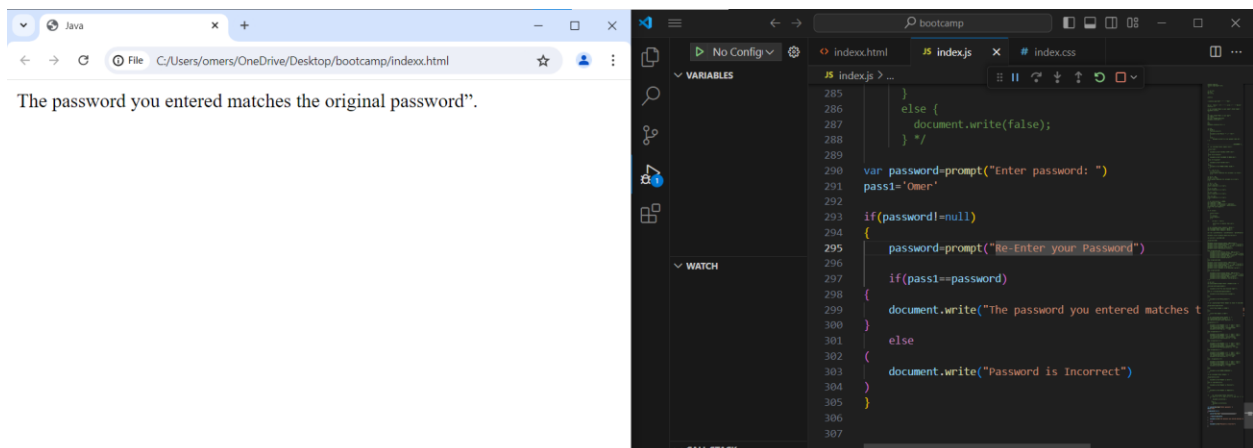
```
var password=prompt("Enter password: ")

pass1='Omer'

if(password!=null)
{
    password=prompt("Re-Enter your Password")

    if(pass1==password)
    {
        document.write("The password you entered matches the original password.")
    }
    else
    (
        document.write("Password is Incorrect")
    )
}
```

Output:



Code:

```
inputTime = parseInt(prompt("Enter time in 24-hour format (e.g., 1900):"));
```

```
if (inputTime < 0 || inputTime > 2359) {  
    document.write("Invalid time format");  
} else {
```

```
    hours = (inputTime / 100);  
    minutes = inputTime % 100;
```

```
    let period = "AM";  
    let displayHours = hours;
```

```
    if (hours >= 12) {  
        period = "PM";  
        if (hours > 12) {  
            displayHours -= 12;  
        }  
    } else if (hours === 0) {  
        displayHours = 12;  
    }  
}
```

```
    document.write(displayHours+":"+minutes + minutes + period);  
}
```

Output:

