

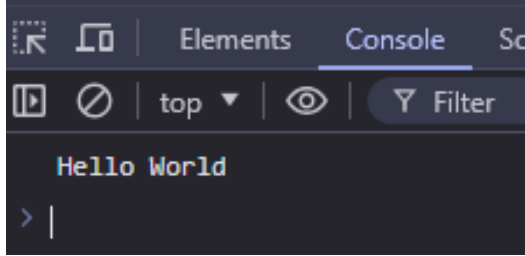
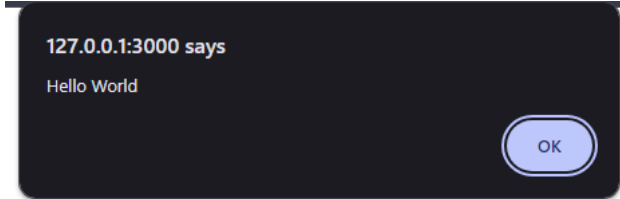
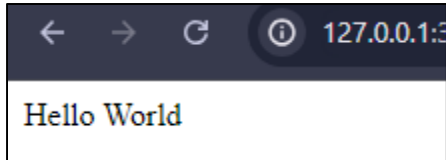
CLIENT SIDE SCRIPTING (22519)

Practical No. 01: Write simple JavaScript with HTML for arithmetic expression evaluation and message printing.

Roll No.: 220447

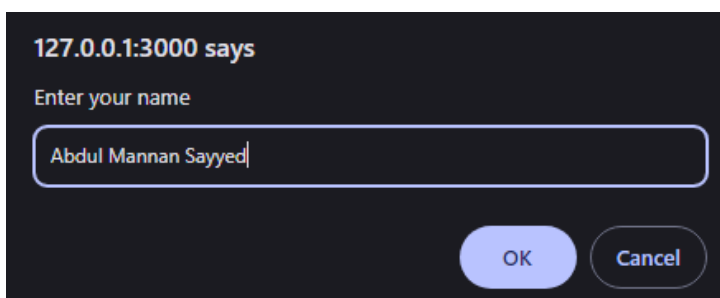
1) WAP to print "Hello World"

Code:

CODE	OUTPUT
<pre><!DOCTYPE html> <html> <head> <title>Document</title> </head> <body> <script> console.log("Hello World"); </script> </body> </html></pre>	
<pre><script> alert("Hello World"); </script></pre>	
<pre><script> document.write("Hello World"); </script></pre>	

2) WAP to take the user name as input and print it.

```
<script>
  let name = prompt("Enter your name");
  console.log("Your name is " + name);
</script>
```



Your name is Abdul Mannan Sayyed

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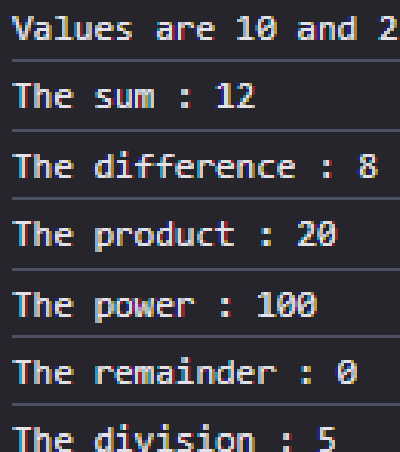
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3) WAP for arithmetic expression evaluation and message printing.

CODE:

```
<script>
    let a=10, b=2;
    let sum, diff, prod, pow, mod, div;
    sum=a+b;
    diff=a-b;
    prod=a*b;
    pow=a**b;
    mod=a%b;
    div=a/b;
    console.log("Values are " + a + " and " + b);
    console.log("The sum : " + sum);
    console.log("The difference : " + diff);
    console.log("The product : " + prod);
    console.log("The power : " + pow);
    console.log("The remainder : " + mod);
    console.log("The division : " + div);
</script>
```

OUTPUT:

A screenshot of a dark-themed console window showing the output of the JavaScript code. The output consists of seven lines, each preceded by a horizontal line. The lines are: "Values are 10 and 2", "The sum : 12", "The difference : 8", "The product : 20", "The power : 100", "The remainder : 0", and "The division : 5".

```
Values are 10 and 2
The sum : 12
The difference : 8
The product : 20
The power : 100
The remainder : 0
The division : 5
```

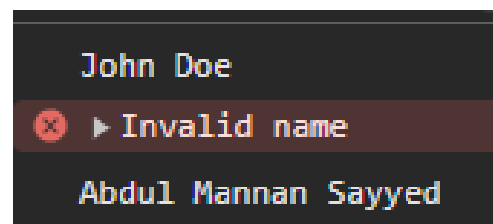
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4) Using getter and setter:

```
let person = {
  firstName: 'John',
  lastName: 'Doe',
  age: '25',
  gender: 'Male',
  get fullName(){ //getter
    return this.firstName + " " + this.lastName;
  },
  set fName(name){ //setter
    if(name.length>2 && isNaN(name)){
      this.firstName = name;
    }
    else{
      console.error('Invalid name');
    }
  },
  set lName(name){ //setter
    if(name.length>2 && isNaN(name)){
      this.lastName = name;
    }
    else{
      console.error('Invalid name');
    }
  },
};
console.log(person.fullName);
person.fName = 'am'; //Invalid name
person.fName = 'Abdul Mannan';
person.lName = "Sayyed";
var name = person.fullName;
console.log(name);
```



```
John Doe
❌ ▶ Invalid name
Abdul Mannan Sayyed
```