



## CSS Practicals 1-10 - well done

Computer Engineering (Government Polytechnic, Nagpur)

# Practical No. 1

**Aim :- Write Simple JavaScript with HTML for arithmetic expression evaluation and message printing.**

```
<html>
  <head>
    <script type="text/javascript">

      var a=20,b=10;

      var add=a+b;

      var sub=a-b;

      var mul=a*b;

      var div=a/b;

      document.write ("<br> Arithmetic Opetions :-");

      document.write("<br> Addition is =" +add);

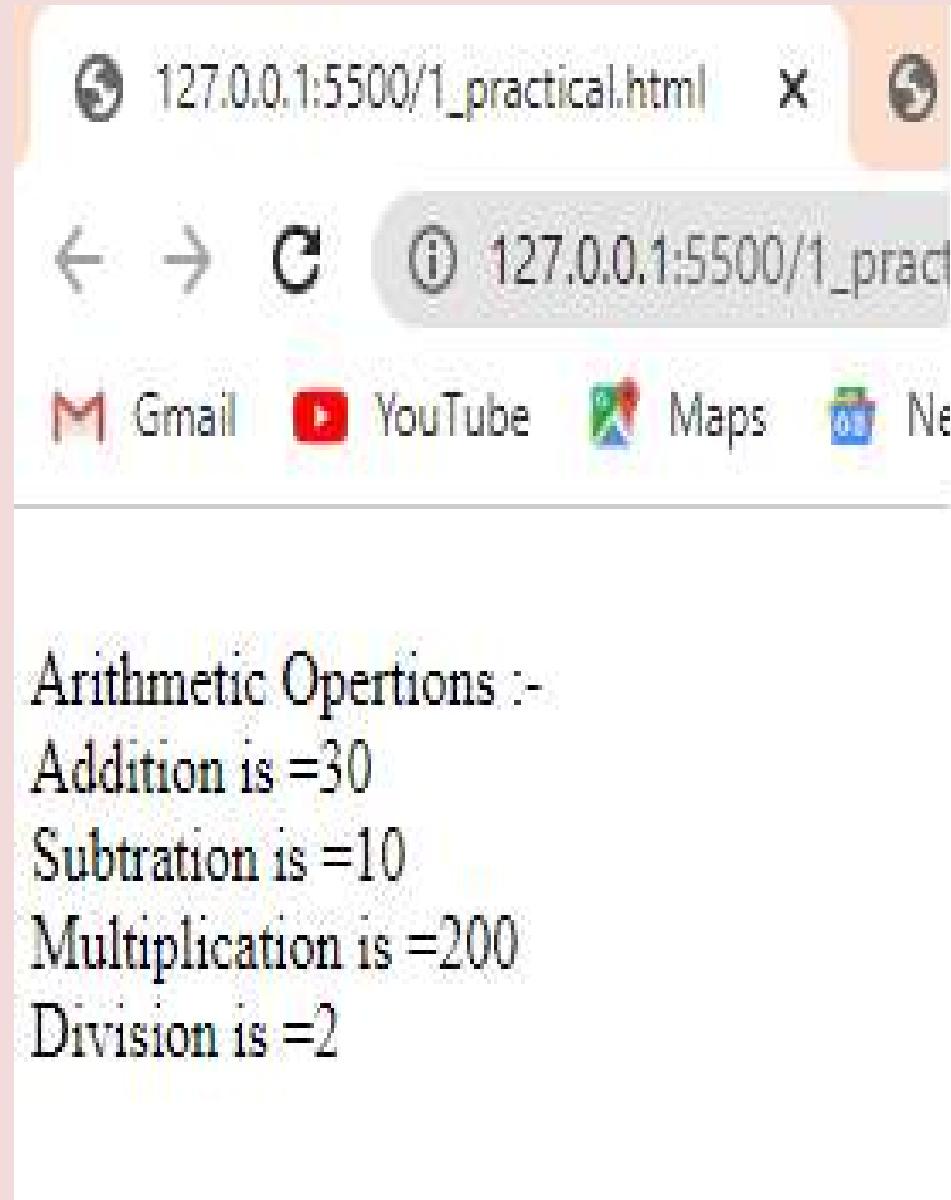
      document.write ("<br> Subtraction is =" +sub);

      document.write ("<br> Multiplication is =" +mul);

      document.write("<br> Division is =" +div);

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

Output :-



# Practical No. 2

**Aim :- Develop JavaScript to use decision making and looping statements.**

## **Using For loop:-**

```
<html>
  <head>
    <title>demo</title>

    <script language="javascript" type="text/javascript">

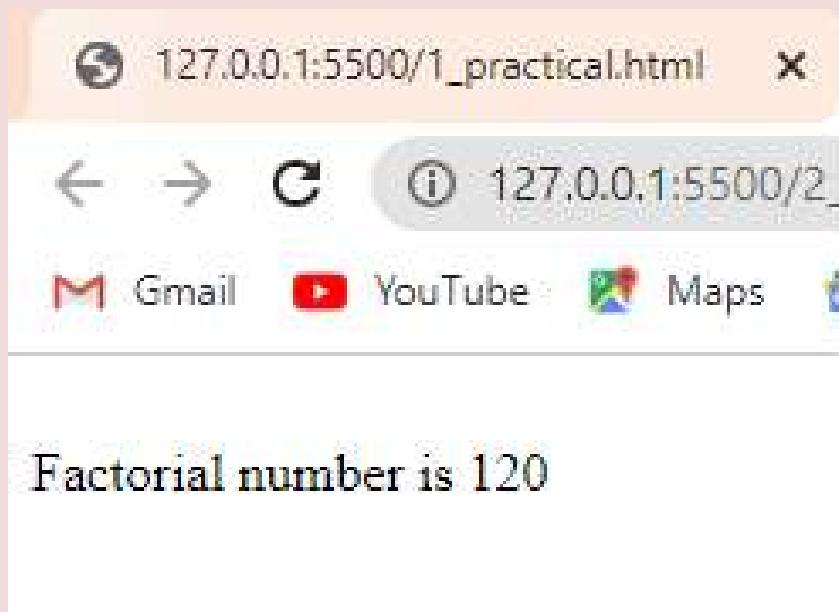
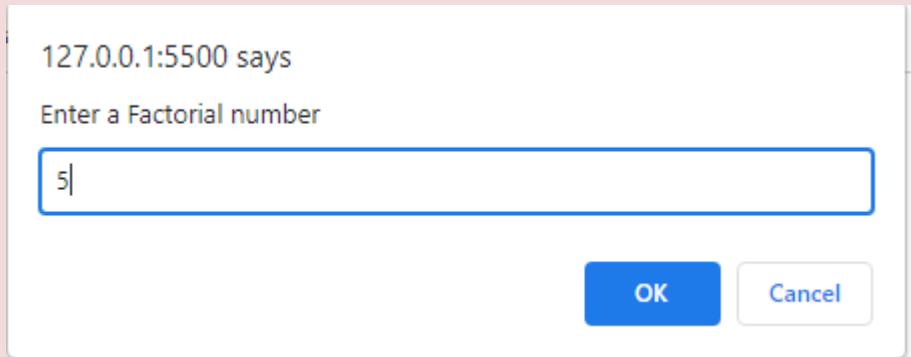
      var num,i,fact=1;

      num=parseInt(prompt("Enter a Factorial number"));

      for(i=1;i<=num;i++)
      {
        fact=fact*i;
      }
      document.write("<br> Factorial number is "+fact);

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

## Output :-



# Practical No. 3

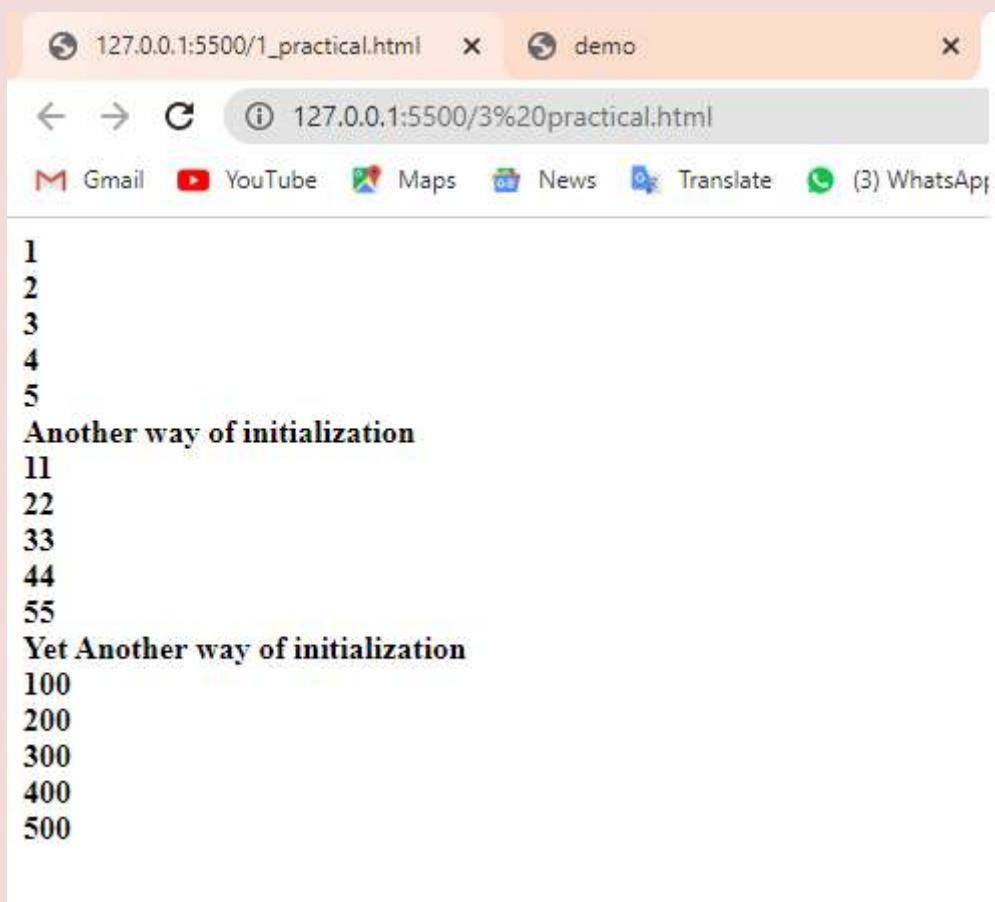
**Aim :- Develop JavaScript to implement Array functionalities.**

```
<html>
  <head>
    <title>Array Demo</title>
  </head>
  <body>
    <script type="text/javascript">
      var a=new Array(5);
      for(var i=1;i<=5;i++)
      {
        a[i]=i;
        document.write(a[i]+"<br>");
      }

      document.write("Another way of initialization <br>");
      var b=new Array(11,22,33,44,55);
      for(var i=0;i<5;i++)
      {
        document.write(b[i]+"<br>");
      }
      document.write(" Yet Another way of initialization <br>");
      var c=[100,200,300,400,500];
      for(var i=0;i<5;i++)
      {
        document.write(c[i]+"<br>");
      }
    </script>
  </body>
</html>
```

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

Output :-



# Practical No. 4

**Aim :- Develop JavaScript to implement function.**

```
<html>
  <head>
    <title>Function demo</title>

    <script language="javascript" type="text/javascript">

      function Rect(l,b)
      {
        return l*b;
      }

      function Circle(r)
      {
        return 3.14*r*r;
      }

      var be= Rect(10,3);

      document.write("<br> Area of Rectangle = "+be);

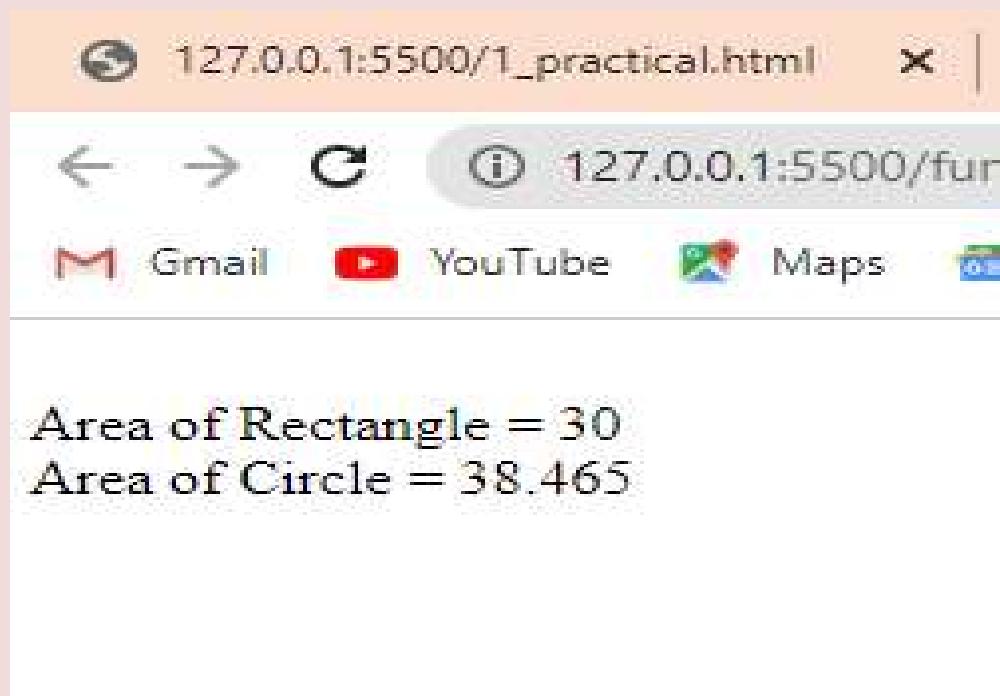
      var be=Circle(3.5);

      document.write("<br> Area of Circle = "+be);

    </script>
```

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

Output:-



# Practical No.5

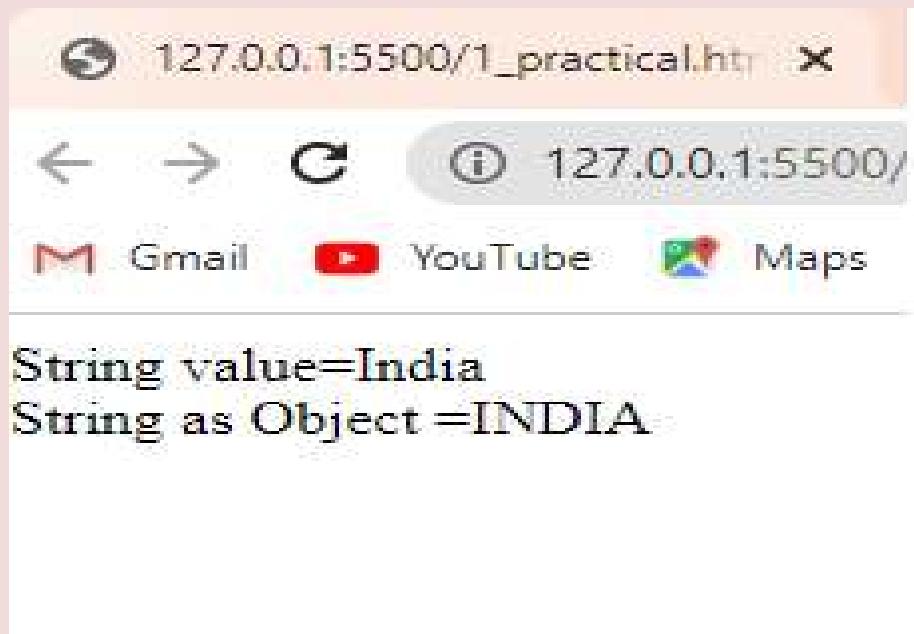
**Aim :- Develop JavaScript to implement strings.**

```
<html>
  <head>
    <title>Function demo</title>
    <script language="javascript" type="text/javascript">
      var a="India";
      document.write("String value=" +a);

      var b=new String ("INDIA");
      document.write("<br> String as Object =" +b);

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

**Output :-**



# Practical No. 6

**Aim :- Create a webpage using Form Elements.**

```
<html>
  <head>
    <title>Registration Form</title>
    <script Language="javascript" type="text/javascript">
      function msg()
      {
        alert("Registration Successfully");
      }
    </script>
  </head>
  <body>
    <div>
      <h2>Registration Form</h2>
    </div>
    <div>
      <br> Name<input type="text" name="t1" value="">
    </div>
    <div>
      <br> Middle Name<input type="text" name="t2" value="">
    </div>
    <div>
      <br> Last Name<input type="text" name="t3" value="">
    </div>

    <br> Date<input type="date" name="d1" value="">
    <br> First Year<input type="radio" name="r1" value="">
    <br> Second Year<input type="radio" name="r2" value="">
    <br> Thrid Year<input type="radio" name="r3" value="">
    <br><input type="button" name="b1" value="Button" onclick=msg()>
```

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

Output :-

The screenshot shows a web browser window with the URL `127.0.0.1:5500/Registration.html`. The page title is "Registration Form". The form contains fields for First Name, Middle Name, and Last Name, each with an associated input field. Below these is a "Date" field with a date picker icon. Underneath the date field are three radio buttons labeled "First Year", "Second Year", and "Thrid Year". At the bottom of the form is a "Button" with a rectangular border.

# Practical No.7

**Aim:- Create a webpage using Form Event Part-1**

```
<html>

    <head>

        <title>onclick event</title>

        <script type="text/javascript">

            function Hi()
            {
                alert("Hello");
            }

        </script>

    </head>

    <body>

        <p>Click the to see result</p>

        <form>

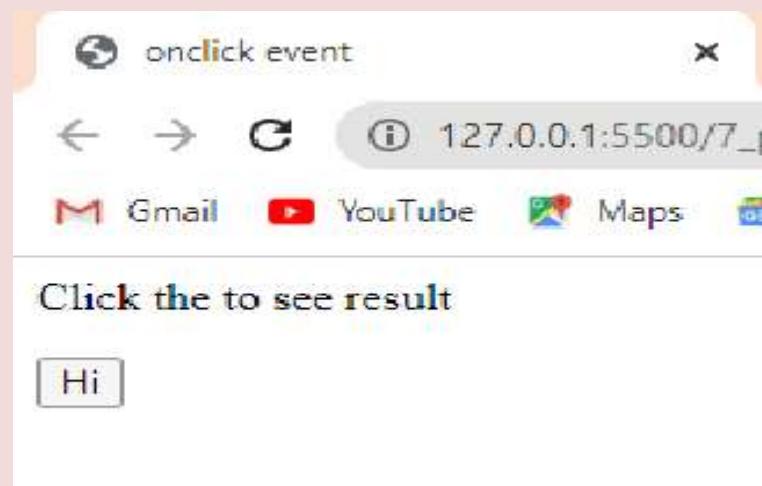
            <input type="button" name="b1" value="Hi" onclick=Hi()>

        </form>

    </body>
```

```
</html>
```

**Output:-**



127.0.0.1:5500 says

Hello

OK

# Practical No.8

**Aim:- Create a webpage using Form Event Part-2**

```
<html>

    <head>

        <title>onclick event</title>

        <script type="text/javascript">

            function msg()
            {
                alert("Welcome to mouse event ");
            }

        </script>

    </head>

    <body>

        <p>Click the to see result</p>

        <form>

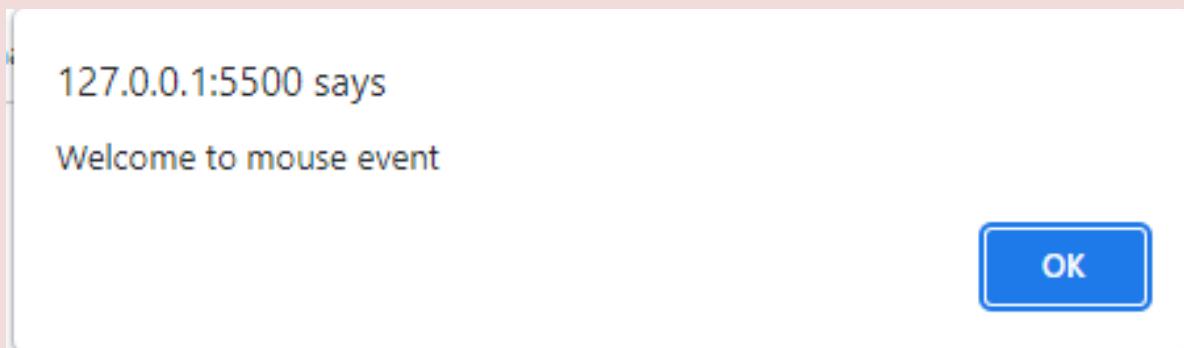
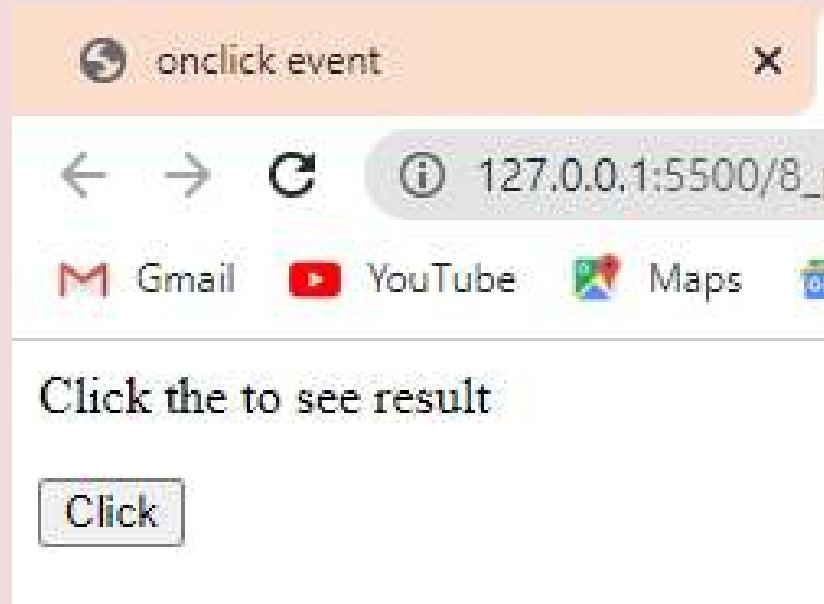
            <input type="button" name="b1" value="Click" onmouseover=msg()>

        </form>

    </body>

</html>
```

## **Output :-**



# Practical No. 9

**Aim :- Develop webpage using intrinsic Java Function.**

```
<html>

<head>

<title>Using Intrinsic JavaScript Functions</title>

</head>

<body>

<FORM name="contact" action="#" method="post">

<P>

First Name: <INPUT type="text" name="Fname"/> <BR>

Last Name: <INPUT type="text" name="Lname"/><BR>

Email: <INPUT type="text" name="Email"/><BR>

<input type="button" name="b1" value="Submit"
onClick="javascript:document.forms.contact.submit()"/>

<input type="button" name="b2" value="Reset"
onClick="javascript:document.forms.contact.reset()"/>

</P>
```

```
</FORM>
```

```
</body>
```

```
</html>
```

**Output :-**

The screenshot shows a web browser window with the title "Using Intrinsic JavaScript Function". The address bar indicates the page is not secure and is located at 192.168.43.14. Below the address bar, there are links for Gmail, YouTube, Maps, and News. The main content area displays a form with three text input fields and two buttons. The first field is labeled "First Name:" and contains the value "xyz". The second field is labeled "Last Name:" and also contains the value "xyz". The third field is labeled "Email:" and contains the value "xyz@gmail.com". Below the input fields are two buttons: "Submit" and "Reset".

# Practical No. 10

**Aim:- Develop a webpage using creating session and persistent cookies. Observe the effects with Browser cookie settings.**

```
<html>

    <head>

        <script type="text/javascript">

            function storeCookie()
            {
                var pwd=document.getElementById("pwd").value

                document.cookie="Password =" +pwd +";"

                alert("Cookie Stored \n"+document.cookie)

            }
        </script>

    </head>

    <body>

        <form name="myform">

            Enter Username<input type="text" id="uname"/><br/>

            Enter Password<input type="password" id="pwd"/><br/>

            <input type="button" value="Submit" onclick="storeCookie()" />

            <p id="panel"></p>

        </form>

    </body>

</html>
```

```
</form>

</body>

</html>
```

**Output :-**

