<!doctype html>

<html>

  <head>

<link href="style.css" rel="stylesheet"/>

  </head>

  <body>

  <form>

    <div>

    <label for="txtRollNo">  Enter RollNo  </label>

    <input type="number" id="txtRollNo" name="txtRollNo"/>

    </div>

    <div>

      <label for="txtName"> Enter Name </label>

     <input type="text" id="txtName" name="txtName"/>

    </div>

  <div>

    <label for="txtAddress"> Enter Address </label>

    <input type="text" id="txtAddress" name="txtAddress"/>

  </div>

  <input type="button" value="Submit" onclick="alert('Form submited');"/>

  </form>

  </body>

</html>

<!DOCTYPE html>

<html>

  <head>

<script>

  function add()

  {

    var x = parseInt(document.getElementById("txtNo1").value);

    var y = parseInt(document.getElementById("txtNo2").value);

    //alert(x+y);

    console.log(x+y);

    document.getElementById("txtResult").value = x+y;

 }

 function subtract()

 {

  var x = parseInt(document.getElementById("txtNo1").value);

    var y = parseInt(document.getElementById("txtNo2").value);

    //alert(x+y);

    console.log(x-y);

    document.getElementById("txtResult").value = x-y;

 }

 function product()

 {

  var x = parseInt(document.getElementById("txtNo1").value);

    var y = parseInt(document.getElementById("txtNo2").value);

    //alert(x+y);

    console.log(x\*y);

    document.getElementById("txtResult").value = x\*y;

 }

 function divide()

 {

  var x = parseInt(document.getElementById("txtNo1").value);

    var y = parseInt(document.getElementById("txtNo2").value);

    //alert(x+y);

    console.log(x/y);

    document.getElementById("txtResult").value = x/y;

 }

</script>

  </head>

  <body>

    <h1> Add Numbers </h1>

    <form>

      <div>

      <label for="txtNo1"> Enter No 1 </label>

      <input type="number" name="txtNo1" id="txtNo1"/>

    </div>

    <div>

      <label for="txtNo2"> Enter No 2 </label>

      <input type="number" name="txtNo2" id="txtNo2"/>

    </div>

    <div>

      <label for="txtResult"> Result </label>

      <input type="number" name="txtResult" id="txtResult"/>

    </div>

    <button type="button" onclick="add();"> Add </button>

    <button type="button" onclick="subtract();"> Subtract </button>

    <button type="button" onclick="product();"> Product </button>

    <button type="button" onclick="divide();"> Divide </button>

    </form>

  </body>

</html>

<!doctype html>

<html>

  <head>

<link href="style.css" rel="stylesheet"/>

<script>

  function ChangeValue(){

    alert("Clicked");

  document.getElementById("div1").innerHTML="Value of div is changed";

  }

</script>

  </head>

  <body>

    <div id="div1"> DIV 1 </div>

  <form>

    <div>

    <label for="txtRollNo">  Enter RollNo  </label>

    <input type="number" id="txtRollNo" name="txtRollNo"/>

    </div>

    <div>

      <label for="txtName"> Enter Name </label>

     <input type="text" id="txtName" name="txtName"/>

    </div>

  <div>

    <label for="txtAddress"> Enter Address </label>

    <input type="text" id="txtAddress" name="txtAddress"/>

  </div>

  <input type="button" value="Change Div Value" onclick="ChangeValue();">

  <input type="button" value="Submit" onclick="alert('Form submited');"/>

  </form>

  </body>

</html>

Script.js

function add()

  {

    var x = parseInt(document.getElementById("txtNo1").value);

    var y = parseInt(document.getElementById("txtNo2").value);

    //alert(x+y);

    console.log(x+y);

    document.getElementById("txtResult").value = x+y;

 }

 function subtract()

 {

  var x = parseInt(document.getElementById("txtNo1").value);

    var y = parseInt(document.getElementById("txtNo2").value);

    //alert(x+y);

    console.log(x-y);

    document.getElementById("txtResult").value = x-y;

 }

 function product()

 {

  var x = parseInt(document.getElementById("txtNo1").value);

    var y = parseInt(document.getElementById("txtNo2").value);

    //alert(x+y);

    console.log(x\*y);

    document.getElementById("txtResult").value = x\*y;

 }

 function divide()

 {

  var x = parseInt(document.getElementById("txtNo1").value);

    var y = parseInt(document.getElementById("txtNo2").value);

    //alert(x+y);

    console.log(x/y);

    document.getElementById("txtResult").value = x/y;

 }

 function change()

 {

   alert("A");

  document.getElementById("para1").style.fontSize = "35px";

 }

<!DOCTYPE html>

<html>

  <head>

//   function add()

//   {

//     var x = parseInt(document.getElementById("txtNo1").value);

//     var y = parseInt(document.getElementById("txtNo2").value);

//     //alert(x+y);

//     console.log(x+y);

//     document.getElementById("txtResult").value = x+y;

//  }

//  function subtract()

//  {

//   var x = parseInt(document.getElementById("txtNo1").value);

//     var y = parseInt(document.getElementById("txtNo2").value);

//     //alert(x+y);

//     console.log(x-y);

//     document.getElementById("txtResult").value = x-y;

//  }

//  function product()

//  {

//   var x = parseInt(document.getElementById("txtNo1").value);

//     var y = parseInt(document.getElementById("txtNo2").value);

//     //alert(x+y);

//     console.log(x\*y);

//     document.getElementById("txtResult").value = x\*y;

//  }

//  function divide()

//  {

//   var x = parseInt(document.getElementById("txtNo1").value);

//     var y = parseInt(document.getElementById("txtNo2").value);

//     //alert(x+y);

//     console.log(x/y);

//     document.getElementById("txtResult").value = x/y;

//  }

//  function change()

//  {

//    alert("A");

//   document.getElementById("para1").style.fontSize = "35px";

//  }

  </head>

  <body>

    <h1> Add Numbers </h1>

    <p id="para1"> JavaScript and Java are completely different languages, both in concept and design.

      JavaScript was invented by Brendan Eich in 1995, and became an ECMA standard in 1997.

      ECMA-262 is the official name of the standard. ECMAScript is the official name of the language. </p>

    <form>

      <div>

      <label for="txtNo1"> Enter No 1 </label>

      <input type="number" name="txtNo1" id="txtNo1"/>

    </div>

    <div>

      <label for="txtNo2"> Enter No 2 </label>

      <input type="number" name="txtNo2" id="txtNo2"/>

    </div>

    <div>

      <label for="txtResult"> Result </label>

      <input type="number" name="txtResult" id="txtResult"/>

    </div>

    <button type="button" onclick="add();"> Add </button>

    <button type="button" onclick="subtract();"> Subtract </button>

    <button type="button" onclick="product();"> Product </button>

    <button type="button" onclick="divide();"> Divide </button>

    <button type="button" onclick="change()"> Change Style </button>

    </form>

**<script src="script.js"> </script>**

  </body>

</html>

Var let const

<!DOCTYPE html>

<html>

  <head>

 <script>

 var x = 10;

 console.log(x);

 {

   var x = 200;

   console.log(x);

 }

 console.log(x);

 </script>

  </head>

  <body>

  </body>

</html>

<!DOCTYPE html>

<html>

  <head>

 <script>

 {

   var x = 200;

   console.log(x);

 }

 console.log(x);

 </script>

  </head>

  <body>

  </body>

</html>

<!DOCTYPE html>

<html>

  <head>

 <script>

 {

   const x = 200;

   x= 300;

   console.log(x);

 }

 </script>

  </head>

  <body>

  </body>

</html>

Hoisting

<!DOCTYPE html>

<html>

  <head>

 <script>

   x=10;

   var x;

   console.log(x);

 {

  var x= 300;

  // let x= 300;

   console.log(x);

 }

 </script>

  </head>

  <body>

  </body>

</html>

<!DOCTYPE html>

<html>

  <head>

  </head>

  <body>

    <script>

      var x = parseInt(prompt("Enter Number"));

      for(var i=1;i<=10;i++)

      {

        console.log( x  + " \* " + i.toString() + " = " + x \* i);

      }

    </script>

  </body>

</html>

<!DOCTYPE html>

<html>

  <head>

    <script>

      var text="";

    switch (new Date().getDay()) {

      case 6:

        text = "Today is Saturday";

        break;

      case 0:

        text = "Today is Sunday";

        break;

      default:

        text = "Looking forward to the Weekend";

        console.log(text);

    }

  </script>

  </head>

</html>