<!DOCTYPE html>

<html>

  <head>

<script>

  console.log("Hello");

  alert("Hello");

</script>

  </head>

  <body>

    This is my first demo of Javascript

  </body>

</html>

Features of Javascript

1. It’s a scripting language
2. It’s a case sensitive
3. Its syntax is similar to C, C++
4. Statements in javascript
   1. Sequential
   2. Conditional
   3. Repetitive

How do you declare variables in JS

var is used to declare variables

var x = 1;

var name=”karan”;

<!DOCTYPE html>

<html>

  <head>

<script>

  console.log("Hello");

  alert("Hello");

  for(var i = 1 ; i<=10;i++)

  {

    console.log(i);

  }

</script>

  </head>

  <body>

    This is my first demo of Javascript

    <!-- <script>

      console.log("Hello");

      alert("Hello");

    </script> -->

  </body>

</html>

Functions > Modularity

<!DOCTYPE html>

<html>

  <head>

<script>

  function Hello()

  {

  console.log("Hello");

  alert("Hello");

  }

  function DisplayFrom1to10()

  {

  for(var i = 1 ; i<=10;i++)

  {

    console.log(i);

  }

}

 Hello();

 DisplayFrom1to10();

</script>

  </head>

  <body>

    This is my first demo of Javascript

  </body>

</html>

Functions should be called on some event

Button click

Body loaded

Textbox change

<!DOCTYPE html>

<html>

  <head>

<script>

  function Hello()

  {

  console.log("Hello");

  alert("Hello");

  }

  function DisplayFrom1to10()

  {

  for(var i = 1 ; i<=10;i++)

  {

    console.log(i);

  }

}

//  Hello();

//  DisplayFrom1to10();

</script>

  </head>

  <body onload="Hello();">

    This is my first demo of Javascript

     <button onclick="DisplayFrom1to10();"> Display </button>

  </body>

</html>

<!DOCTYPE html>

<html>

  <head>

<script>

  const dis=1000;

  dis=2000;  // Error

  var value2=200;

  console.log("Using var");

  {

    var value2=100;

    console.log(value2);

  }

  console.log(value2);

  let value3=200;

  console.log("Using let");

  {

    let value3=100;

    console.log(value3);

  }

  console.log(value3);

   {

     let value=10;

   }

   //console.log(value);  // SYntax Error

  var data=0;

  var data =100;

  let data1=100;

  //let data1=200;

  // var x= 10, y=20,z=0;

  // var x = 10,

  // y=20,

  // z=0;

   var name;

   var x = 10;

   var y = 20;

   var z = x+y;

   console.log(x + " +  " + y + " = " + z);

   console.log("Name is " + name);

   </script>

   </head>

   <body>

   </body>

   </html>