HTML > It is to design your web pages . These are static pages

It’s a Markup Language

Tags

Container Tags <body> </body> , <h1> </h1> , <div> </div>

Empty Tags

Stylesheet : It is used to format your web pages

CSS > Cascading Stylesheets

3 ways to use stylesheet

1. Inline > Mention style with the element only

Javascript It is used to web pages dynamic. They are used to make your web pages interactive

Interaction happens on client side

Bootstrap : It is framework for creating responsive web pages

Semantic Elements in html > which are meaningful for developers as well as for browser also from their names.

Header , footer , article , table , img , form

Div span

Why Javascript > For making your pages dynamic

DOM > Document Object Model

<!DOCTYPE html>

<html>

  <head>

  </head>

  <body>

    <form>

      <div>

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

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

        </div>

        <div>

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

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

          </div>

          <div>

            <label for="txtMarks"> Enter Marks </label>

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

            </div>

            <button type="button" onclick="Display();"> Click </button>

              </form>

              <script>

                function Display()

                {

                  var name = document.getElementById("txtName").value;

                   var address = document.getElementById("txtAddress").value;

                    var marks = document.getElementById("txtMarks").value;

                    alert(name + " " + address + " " + marks);

                }

              </script>

  </body>

</html>

<!DOCTYPE html>

<html>

  <head>

<script>

  function Add()

  {

    var no1 = parseInt( document.getElementById("txtNo1").value);

    var no2 = parseInt(document.getElementById("txtNo2").value);

    document.getElementById("txtAdd").value = no1 + no2;

  }

</script>

  </head>

  <body>

    <form>

      <div>

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

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

      </div>

      <div>

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

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

      </div>

      <div>

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

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

      </div>

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

    </form>

  </body>

</html>

<!DOCTYPE html>

<html>

  <head>

    <!-- Latest compiled and minified CSS -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<!-- jQuery library -->

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- Latest compiled JavaScript -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

<script>

  function Add()

  {

    var no1 = parseInt( document.getElementById("txtNo1").value);

    var no2 = parseInt(document.getElementById("txtNo2").value);

    document.getElementById("txtAdd").value = no1 + no2;

  }

</script>

  </head>

  <body>

    <form>

      <div class="form-group">

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

        <input type="number" class="form-control"  id="txtNo1" name="txtNo1"/>

      </div>

      <div class="form-group">

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

        <input type="number" class="form-control"  id="txtNo2" name="txtNo2"/>

      </div>

      <div class="form-group">

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

        <input type="number" class="form-control"  id="txtAdd" name="txtAdd"/>

      </div>

      <button type="button" class="btn btn-primary" onclick="Add()"> Add </button>

    </form>

  </body>

</html>