Forms and Elements

```
<!DOCTYPE html>
<html>
  <body>
    <form id="f1">
      <input type="text" name="t1" id="n1" /><br />
      <input type="submit" value="Submit" onclick="disp()" />
    </form>
    <br />
    <form id="f2">
      <input type="text" name="t1" id="n2" /><br />
      <input type="submit" value="Submit" onclick="disp()" />
    </form>
    <script>
      function disp() {
        alert(f1.t1.value)
        //alert(f1.elements.t1.value)
        // alert(f2.t1.value);
        // alert(n1.value); //using id which is unique
        //alert(document.forms[0].elements.t1.value)
      }
    </script>
  </body>
</html>
```

Display Checkbox/Radio Value

```html
<body>
  <p><input type="radio" name="fruit" class="c"  value="apple" />Apple</p>
  <p><input type="radio" name="fruit" class="c"  value="mango" />Mango</p>
  <p><input type="radio" name="fruit" class="c" value="orange" />Orange</p>
  <button onclick="disp()">Submit</button>
 <hr />
 <div id="d"></div>
 <script>
  const disp = () => {
   let fruit = document.getElementsByClassName("c") //getbyname doesn't work
   let txt = "";
   for (let i = 0; i < fruit.length; i++) {
    if (fruit[i].checked) {
     txt = txt + fruit[i].value + " ";
    }
   }
   d.innerHTML = txt;
  };
 </script>
</body>
```

Form element – select option

```
<!DOCTYPE html>
<html>
 <body>
  <form>
   <select id="fruits">
    <option value="apple">Apple</option>
    <option value="pear">Pear</option>
    <option value="banana">Banana</option>
   </select>
   <br />
   <input type="button" onclick="disp()" value="Click" />
   <br /><br />
   <label id="lbl"></label>
  </form>
  <script>
   function disp() {
     // fruits.options[2].selected = true;
     // fruits.selectedIndex = 2;
     str = fruits.value;
     // str=""
     // for (let e of fruits.options){
     //   if(e.selected)  str += e.value + ","

     // }

     lbl.innerHTML = str;
   }
  </script>
 </body>
</html>
```

className and classList

```
<body class="home page">
  <script>
    document.body.classList.add('newclass'); /*remove*/
    alert(document.body.className); // home page newclass
  </script>
</body>
```

classList methods

e.classList.add/remove("class")

e.classList.toggle("class")

e.classList.contains("class") // returns true if exists

Callback functions

```
function ask(question, yes, no) {
  if (confirm(question))  yes()
  else no();
}
function a() {
  alert( "You agreed." );
}
function b() {
  alert( "You canceled." );
}
msg = "Do you agree?"
ask(msg, a, b);
```