



Introduction to Programming and Computer Science/Electronics

Lesson 47



HTML

Creating Webpage – Drop-Down List

```
<!DOCTYPE html>
<html>
<body>

<h2>The select Element</h2>

<p>The select element defines a drop-down list:</p>

<form action="/action_page.php">
  <label for="cars">Choose a car:</label>
  <select id="cars" name="cars">
    <option value="Toyota">Toyota</option>
    <option value="Nissan">Nissan</option>
    <option value="Mercedes">Mercedes</option>
    <option value="Audi">Audi</option>
  </select>
  <input type="submit">
</form>

</body>
</html>
```

HTML

Creating Webpage – Drop Down List 2

```
<!DOCTYPE html>
<html>
<body>

<h2>Pre-selected Option</h2>

<p>You can preselect an option with the selected attribute:</p>

<form action="/action_page.php">
  <label for="cars">Choose a car:</label>
  <select id="cars" name="cars">
    <option value="Toyota">Toyota</option>
    <option value="Nissan">Nissan</option>
    <option value="Mercedes" selected>Mercedes</option>
    <option value="Audi">Audi</option>
  </select>
  <input type="submit">
</form>

</body>
</html>
```

HTML

Creating Webpage – Text Area

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h2>Textarea</h2>
```

```
<p>The text area element defines a multi-line input field.</p>
```

```
<form action="/action_page.php">
```

```
  <textarea name="message" rows="10" cols="30">The cat was playing in the  
flat.</textarea>
```

```
  <br><br>
```

```
  <input type="submit">
```

```
</form>
```

```
</body>
```

```
</html>
```

HTML

Creating Webpage – Button Alert

```
<!DOCTYPE html>  
<html>  
<body>  
  
<h2>The button Element</h2>  
  
<button type="button" onclick="alert('Hello Clementi!')">Click Me!</button>  
  
</body>  
</html>
```

HTML

Creating Webpage – Datalist Element

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h2>The datalist Element</h2>
```

<p>The datalist element specifies a list of pre-defined options for an input element.</p>

```
<form action="/action_page.php">
```

```
  <input list="browsers" name="browser">
```

```
  <datalist id="browsers">
```

```
    <option value="Internet Explorer">
```

```
    <option value="Firefox">
```

```
    <option value="Chrome">
```

```
    <option value="Opera">
```

```
    <option value="Safari">
```

```
  </datalist>
```

```
  <input type="submit">
```

```
</form>
```

```
</body>
```

```
</html>
```

HTML

Creating Webpage – Output Element

```
<!DOCTYPE html>
<html>
<body>
```

```
<h2>The output Element</h2>
```

```
<p>The output element represents the result of a calculation.</p>
```

```
<form action="/action_page.php"
oninput="x.value=parseInt(a.value)+parseInt(b.value)">
  0
  <input type="range" id="a" name="a" value="50">
  100 +
  <input type="number" id="b" name="b" value="50">
  =
  <output name="x" for="a b"></output>
  <br><br>
  <input type="submit">
</form>
```

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



HTML

Creating Webpage – Date Field

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h2>Date Field</h2>
```

```
<p>The <strong>input type="date"</strong> is used for input fields that should contain a date.</p>
```

```
<form action="/action_page.php">
```

```
  <label for="birthday">Birthday:</label>
```

```
  <input type="date" id="birthday" name="birthday">
```

```
  <input type="submit" value="Submit">
```

```
</form>
```

```
</body>
```

```
</html>
```

