

## Lesson 3 Demo 11

### ID, Class, Descendant Selectors

**Objective:** To develop the HTML file with id, class, and descendant selectors

**Tools required:** Ubuntu Linux VM

**Prerequisites:** Visual Studio Code

Steps to be followed:

1. Create a file with a .html extension
2. Create and save the code for id, class, and descendant selectors
3. The expected outcome

#### Step 1: Create a file with a .html extension

1.1 Create the file named **idclass.html** and **idclass.css**

#### Step 2: Create and save the code for id, class, and descendant selectors

2.1 Enter the below code:

2.2 Enter the below code in the **idclass.html** file:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="idclass.css">
</head>
<body>
  <h1>HTML</h1>
  <p class="center">Here we are going to discuss about the CSS Selectors</p>
```

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

```
idclass.html
1 <!DOCTYPE html>
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <title>Document</title>
9   <link rel="stylesheet" href="idclass.css">
10 </head>
11 <body>
12   <h1>HTML</h1>
13   <p class="center">Here we are going to discuss about the CSS Selectors</p>
14 </body>
15 </html>
16
17
```

2.3 Enter the following code in the **Idclass.css** file:

```
.center{
  text-decoration:dashed;
  color: bisque;
}

p.center{
  background-color: brown;
}

}
```

```
idclass.css
1 .center{
2   text-decoration:dashed;
3   color: bisque;
4 }
5
6 p.center{
7   background-color: brown;
8 }
9
10
11
```

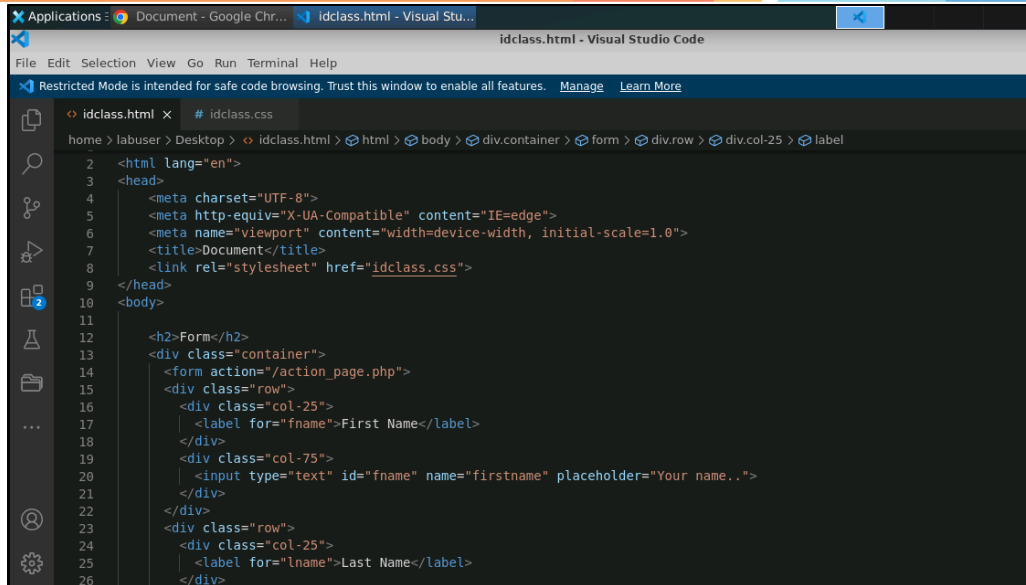
2.4 Enter the following code in the **idclass.html** file:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="idclass.css">
</head>
<body>

  <h2>Form</h2>
  <div class="container">
    <form action="/action_page.php">
      <div class="row">
        <div class="col-25">
          <label for="fname">First Name</label>
        </div>
        <div class="col-75">
          <input type="text" id="fname" name="firstname" placeholder="Your name..">
        </div>
      </div>
      <div class="row">
        <div class="col-25">
          <label for="lname">Last Name</label>
        </div>
        <div class="col-75">
          <input type="text" id="lname" name="lastname" placeholder="Your last name..">
        </div>
      </div>
      <div class="row">
        <div class="col-25">
          <label for="country">Country</label>
        </div>
        <div class="col-75">
```

```
<select id="country" name="country">
  <option value="canada">Canada</option>
  <option value="italy">Italy</option>
  <option value="usa">USA</option>
</select>
</div>
</div>
<div class="row">
  <div class="col-25">
    <label for="subject">Subject</label>
  </div>
  <div class="col-75">
    <textarea id="subject" name="subject" placeholder="Write subject.."
style="height:200px"></textarea>
  </div>
</div>
<br>
<div class="row">
  <input type="submit" value="Submit">
</div>
</form>
</div>

</body>
</html>
```



```

1 <html lang="en">
2 <head>
3
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8   <link rel="stylesheet" href="idclass.css">
9 </head>
10 <body>
11
12   <h2>Form</h2>
13   <div class="container">
14     <form action="/action_page.php">
15       <div class="row">
16         <div class="col-25">
17           <label for="fname">First Name</label>
18         </div>
19         <div class="col-75">
20           <input type="text" id="fname" name="firstname" placeholder="Your name..">
21         </div>
22       </div>
23       <div class="row">
24         <div class="col-25">
25           <label for="lname">Last Name</label>
26         </div>

```

2.5 Enter the following code in the **Idclass.css** file:

```

* {
  box-sizing: border-box;
}

input[type=text], select, textarea {
  width: 100%;
  padding: 12px;
  border: 1px solid #ccc;
  border-radius: 4px;
  resize: vertical;
}

```

```

label {
  padding: 12px 12px 12px 0;
  display: inline-block;
}

```

```

input[type=submit] {
  background-color: #c516bc;
  color: white;
  padding: 12px 20px;
  border: none;
}

```

```
border-radius: 4px;  
cursor: pointer;  
float: right;  
}
```

```
input[type=submit]:hover {  
  background-color: #220a19;  
}
```

```
.container {  
  border-radius: 5px;  
  background-color: #f0dbf1;  
  padding: 20px;  
}
```

```
.col-25 {  
  float: left;  
  width: 25%;  
  margin-top: 6px;  
}
```

```
.col-75 {  
  float: left;  
  width: 75%;  
  margin-top: 6px;  
}
```

```
/* Clear floats after the columns */  
.row:after {  
  content: "";  
  display: table;  
  clear: both;  
}
```

```
/*Responsive layout - when the screen is less than 600px wide*/  
.col-25, .col-75, input[type=submit] {  
  width: 100%;  
  margin-top: 0;
```

```

}
}

Applications Document - Google Chr... idclass.css - Visual Stud...
idclass.css - Visual Studio Code
File Edit Selection View Go Run Terminal Help
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
idclass.html # idclass.css x
home > labuser > Desktop > # idclass.css > *
1 * {
2   box-sizing: border-box;
3 }
4
5 input[type=text], select, textarea {
6   width: 100%;
7   padding: 12px;
8   border: 1px solid #ccc;
9   border-radius: 4px;
10  resize: vertical;
11 }
12
13 label {
14   padding: 12px 12px 12px 0;
15   display: inline-block;
16 }
17
18 input[type=submit] {
19   background-color: #c516bc;
20   color: white;
21   padding: 12px 20px;
22   border: none;
23   border-radius: 4px;
24   cursor: pointer;
25   float: right;

```

2.6 Save the file.

### Step 3: The expected outcome



Applications: Document - Google Chr... idclass.css - Visual Stud... Tue 27 Dec, 04:53 Ubuntu

Document x +

File | /home/labuser/Desktop/idclass.html

## Form

First Name

Your name..

Last Name

Your last name..

Country

Canada

Subject

Write subject..

Country

Canada

Subject

Write subject..

Submit