

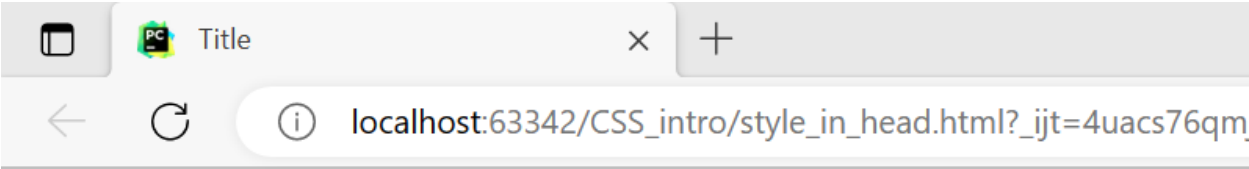
CSS intro

- 1. style in each label (local)
- 2. style in head (global)
- 3. style in other files (import)

style in each label

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Title</title>
  <style>
    .c1{
      color: coral;
    }
  </style>
</head>
<body>
  <h1 class="c1">coral</h1>
  <h2 class="c1">coral</h2>
  <h3 class="c1">coral</h3>
  <h4 class="c1">coral</h4>
  <div class="c1">coral</div>
  <h1 style="color: cadetblue">diff color h1</h1>

</body>
</html>
```



head class select

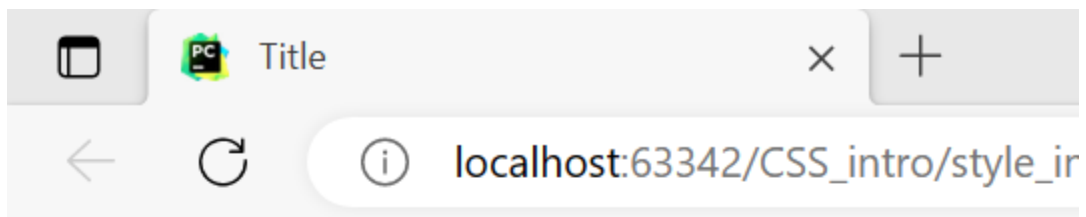


style in label

style in <head></head>

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Title</title>
  <style>
    .c1{
      color: coral;
    }
  </style>
</head>
<body>
  <h1 class="c1">coral</h1>
  <h2 class="c1">coral</h2>
  <h3 class="c1">coral</h3>
  <h4 class="c1">coral</h4>
  <div class="c1">coral</div>

</body>
</html>
```



coral

coral

coral

coral

coral

style in other file

```
<!DOCTYPE html>
<html lang="en">
<head>
```

```
<meta charset="UTF-8">
<title>Title</title>
<link rel="stylesheet" href="common.css" />
</head>
<body>
  <h1 class="c1">class c1 h1</h1>
  <h1 class="c2">class c2 h1</h1>
  <h1 class="c1; c2">class c1, c2 h1</h1>
  <h1 class="c2; c3">class c2, c3 h1</h1>
</body>
</html>
```

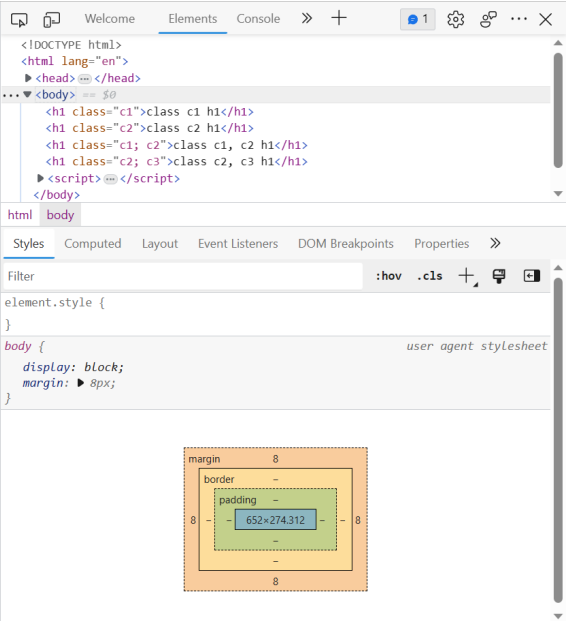
```
.c1{
  height: 100px;
}
.c2{
  color: crimson;
}
.c3{
  color: blueviolet;
}
```

class c1 h1

class c2 h1

class c1, c2 h1

class c2, c3 h1



example in flask

```
from flask import Flask, render_template

app = Flask(__name__)

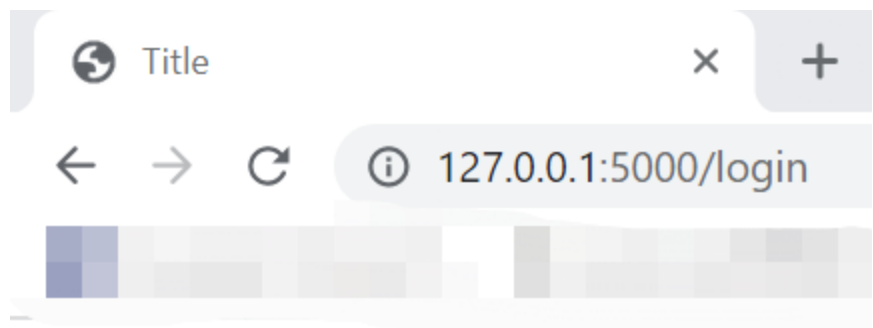
@app.route('/login')
def log_in():
    return render_template("log_in.html")

if __name__ == '__main__':
    app.run()
```

```
<!-- log_in.html -->
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Title</title>
```

```
<style>
  .c1{
    color: darkred;
  }
  .c2{
    height: 50px;
  }
</style>
</head>
<body>
  <h1 class="c1">User Login</h1>
  <div>
    <form method="post" action="/login">
      <div class="c2">
        user: <input type="text" name="username" />
      </div>
      <div class="c2">
        password: <input type="password" name="password" />
      </div>
      <div>
        <input type="submit" value="login"/>
      </div>
    </form>
  </div>

</body>
</html>
```



User Login

user:

password:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Title</title>
  <style>
    .c1{
```

```

        color: darkred;
    }
    .c2{
        height: 50px;
    }
</style>
<link rel="stylesheet" href="/static/common.css" />
</head>
<body>
    <h1 class="c1">User Login</h1>
    <div>
        <form method="post" action="/login">
            <div class="c2">
                user: <input type="text" name="username" />
            </div>
            <div class="c2">
                password: <input type="password" name="password" />
            </div>
            <div>
                <input type="submit" value="login"/>
            </div>
        </form>
    </div>

    <div>
        <h3><a class="xx" href="####">Register</a></h3>
    </div>

</body>
</html>

```

```

.xx{
    color: brown;
}

```

User Login

user:

password:

login

Register

selector

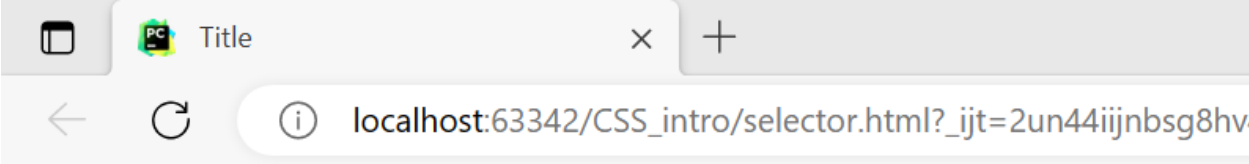
select by class, id, label, type, child

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Title</title>
  <style>
    .c1{
      color: darkred;
    }
    #c2{
      color: darkorange;
    }
    li{
      color: deeppink;
    }
    input[type="text"]{
      border: 2px solid blueviolet;
    }
    .c3[asd="234"]{
      color: cornflowerblue;
    }
    .c4 li{
      color: darkseagreen;
    }
    .c5 > a {
      color: rosybrown;
    }
  </style>
</head>
<body>
<!--    select by class-->
  <h1 class="c1">class select</h1>
  <h1 class="c1">class select</h1>
  <h1 class="c1">class select</h1>
<!--    select by id-->
  <h1 id="c2">id select</h1>
<!--    select by label-->
  <ul>
    <li>Houston</li>
    <li>Dallas</li>
    <li>Austin</li>
  </ul>
<!--    select by type-->
  <div>
    <input type="text">
  </div>
  <div>
    <input type="password">
  </div>

  <div class="c3" asd="123">first line</div>
  <div class="c3" asd="234">second line</div>
  <div class="c3" asd="345">third line</div>

<!--    select child-->
<!--    in class c4, find <li></li> in its children & grandchildren-->
  <div class="c4">
    <ul>
      <li>AAAAA</li>
      <li>BBBBB</li>
      <li>CCCCC</li>
    </ul>
  </div>
<!--    only looking in son-->
  <div class="c5">
    <a>link1</a>
    <div>
      <a>link2</a>
    </div>
  </div>
```

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



class select

class select

class select

multiple

id select

can only appear once

- Houston
- Dallas
- Austin

apply to all li labels

type select

first line

second line

third line

- AAAAA
- BBBBB
- CCCCC

children & grandchildren

link1

link2

son

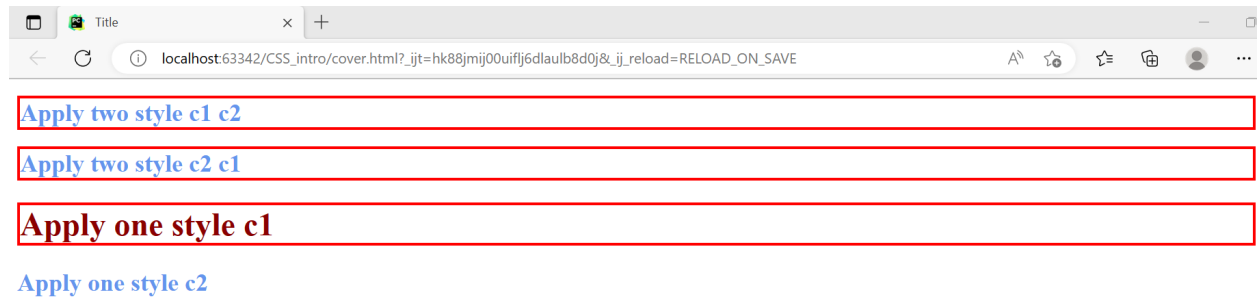
style coverage

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Title</title>
  <style>
    .c1{
      color: darkred;
      border: 3px solid red;
    }
    .c2{
      font-size: 24px;
      color: cornflowerblue;
    }
  </style>
</head>
<body>
```

```

    </style>
</head>
<body>
<!--    if apply diff style, class which defined later will
cover class defined earlier-->
    <h1 class="c1 c2">Apply two style c1 c2</h1>
    <h1 class="c2 c1">Apply two style c2 c1</h1>
    <h1 class="c1">Apply one style c1</h1>
    <h1 class="c2">Apply one style c2</h1>
</body>
</html>

```



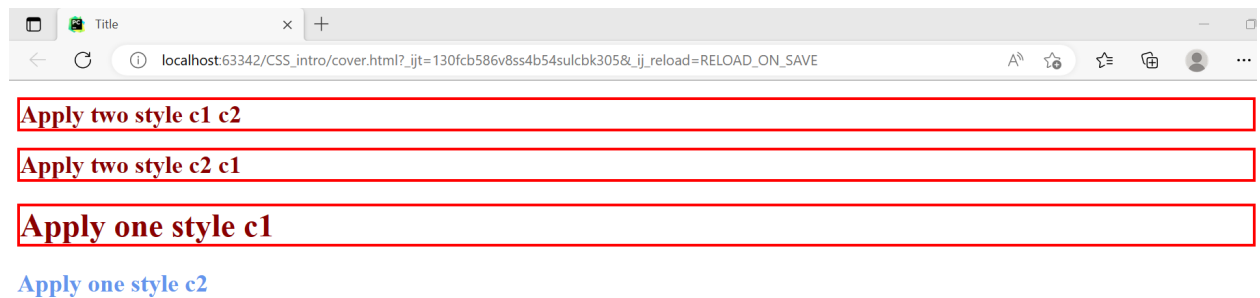
If want to keep style which defined earlier:

add !important

```

.c1{
    color: darkred !important;
    border: 3px solid red;
}

```



CSS style