WPL Lab 6 Additional

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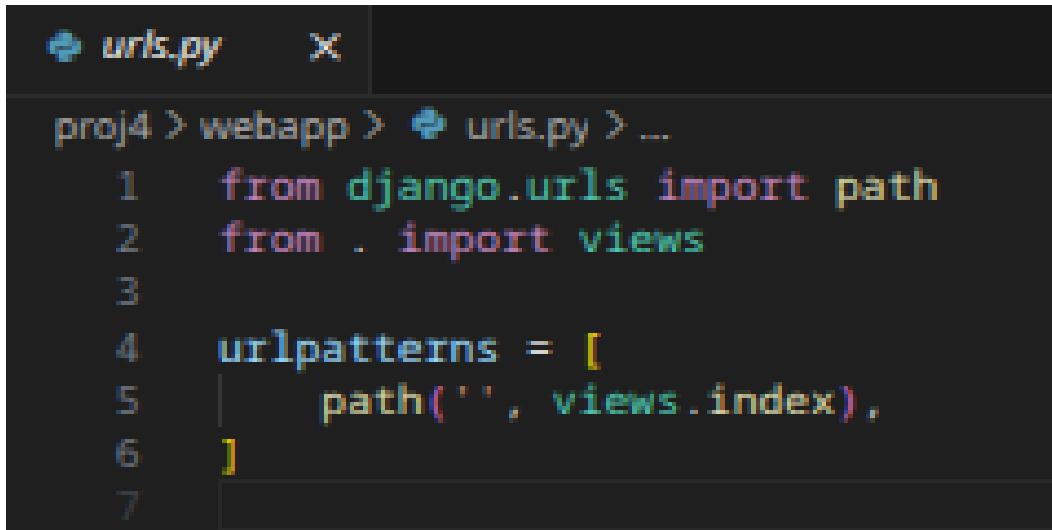## Code:

Settings change

```
INSTALLED_APPS = [
    'webapp',
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
]
```

proj/urls.py

```
urls.py    ✕

proj4 > proj4 > urls.py > ...
  1    from django.urls import path, include
  2
  3    urlpatterns = [
  4        path('', include('webapp.urls')),
  5    ]
  6
```
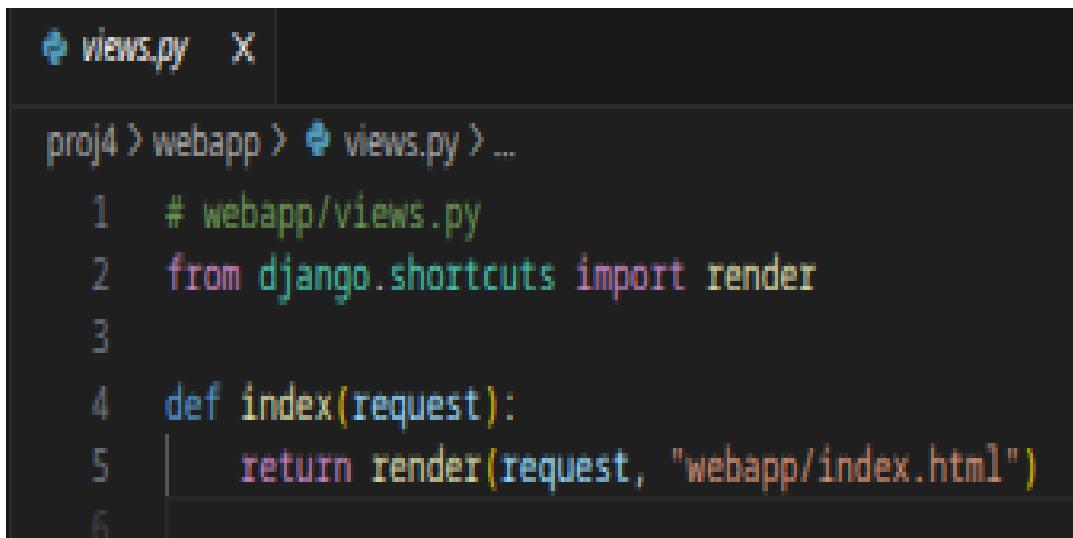
webapp/urls.py

```python
from django.urls import path
from . import views

urlpatterns = [
    path('', views.index),
]
```

webapp/views.py

```python
# webapp/views.py
from django.shortcuts import render

def index(request):
    return render(request, "webapp/index.html")
```

webapp/templates/webapp/index.html

```html
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <title>Text Formatter</title>
5       {% load static %}
6       <link rel="stylesheet" href="{% static 'webapp/style.css' %}">
7   </head>
8   <body>
9
10  <div class="card">
11      <h3>Enter Details</h3>
12
13      Name: <input type="text" id="name"><br><br>
14      Message:<br>
15      <textarea id="msg" rows="4"></textarea><br><br>
16
17      <!-- Formatting -->
18      <label><input type="checkbox" id="bold"> BOLD</label>
19      <label><input type="checkbox" id="italic"> ITALIC</label>
20      <label><input type="checkbox" id="underline"> UNDERLINE</label><br><br>
21
22      <!-- Colors -->
23      <label><input type="radio" name="color" value="red"> RED</label>
24      <label><input type="radio" name="color" value="green"> GREEN</label>
25      <label><input type="radio" name="color" value="pink"> PINK</label><br><br>
26
27      <button onclick="displayText()">Display</button>
28      <button onclick="clearFields()">Clear</button>
29      <button onclick="exitApp()">Exit</button>
30
31      <hr>
32      <div id="output"></div>
33  </div>
34
35  <script>
36  function displayText() {
37      let name = document.getElementById("name").value;
38      let msg = document.getElementById("msg").value;
39      let output = document.getElementById("output");
40
41      output.innerHTML = "Name: " + name + "<br>Message: " + msg;
42
43      output.style.fontWeight = bold.checked ? "bold" : "normal";
44      output.style.fontStyle = italic.checked ? "italic" : "normal";
45      output.style.textDecoration = underline.checked ? "underline" : "none";
46
47      let color = document.querySelector('input[name="color"]:checked');
48      output.style.color = color ? color.value : "black";
49  }
50
51  function clearFields() {
52      document.getElementById("name").value = "";
53      document.getElementById("msg").value = "";
54      document.getElementById("output").innerHTML = "";
55  }
56
57  function exitApp() {
58      window.close();
59  }
60  </script>
61
62  </body>
63  </html>
64
```

Webapp/static/webapp/style.css

```css
1    body {
2        font-family: Arial, sans-serif;
3        background: ▢#f4f6f8;
4    }
5
6    .card {
7        width: 420px;
8        margin: 60px auto;
9        padding: 20px;
10       background: ▢white;
11       border-radius: 8px;
12       box-shadow: 0 4px 10px ▢rgba(0,0,0,0.1);
13   }
14
15   input, textarea {
16       width: 100%;
17       padding: 6px;
18       margin-bottom: 10px;
19       box-sizing: border-box;
20   }
21
22   button {
23       padding: 6px 10px;
24       margin-right: 5px;
25       background: ▢#007bff;
26       color: ▢white;
27       border: none;
28       cursor: pointer;
29   }
30
31   button:hover {
32       background: ▢#0056b3;
33   }
34
35   #output {
36       margin-top: 15px;
37       font-size: 16px;
38   }
39
```

Output :

Enter Details

Name:

Bob

Message:

Happy Birthday !! Best Wishes !!

☑

BOLD

☑

ITALIC

☐

UNDERLINE

◯

RED

◉

GREEN

◯

PINK

[Display] [Clear] [Exit]

Name: Bob
Message: Happy Birthday !! Best Wishes !!