

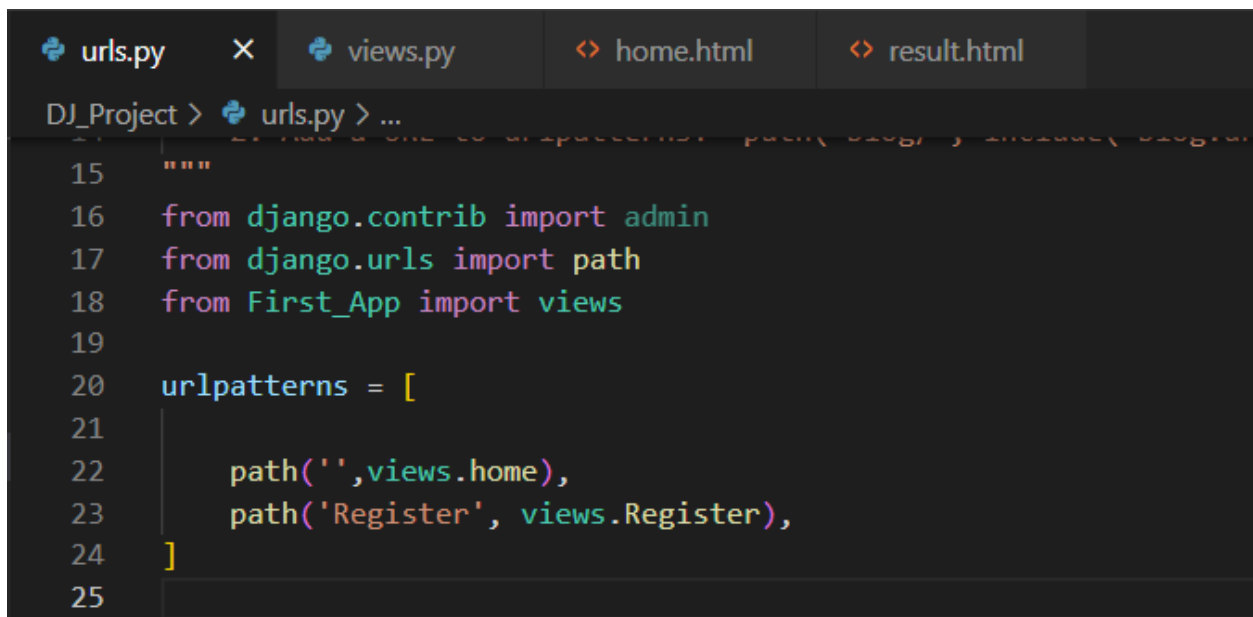
Python Django Project – Simple Application Form with Get and Post Method

Scenario: To design a simple Application form with Get and Post method using HTML, CSS and Python Django Frame Work.

Configuration Details:

1.	Problem	Application Form
2.	Solver	Python DJango
3.	Compiler	Visual Studio Coder

Source Code Details:

A screenshot of a code editor with a dark theme. The top of the editor shows four tabs: 'urls.py' (active), 'views.py', 'home.html', and 'result.html'. Below the tabs, the breadcrumb 'DJ_Project > urls.py > ...' is visible. The main code area shows the following Python code:

```
15  """
16  from django.contrib import admin
17  from django.urls import path
18  from First_App import views
19
20  urlpatterns = [
21
22      path('', views.home),
23      path('Register', views.Register),
24  ]
25
```

```
urls.py  views.py  ×  home.html  result.html
First_App > views.py > ...
1  from django.shortcuts import render
2  from django.http import HttpResponseRedirect
3
4
5
6  # Create your views here.
7
8
9  def home(request):
10 |     return render(request, 'home.html')
11
12  def Register(request):
13 |     Name = request.GET['Name']
14 |     PassWord = request.GET['PassWord']
15 |     Address = request.GET['Address']
16 |     Mail = request.GET['Mail']
17 |     return render(request, "result.html", {'Name':Name,'PassWord':PassWord,'Address':Address,'
18
```


```
urls.py  views.py  home.html  result.html
Template > home.html > html > body > form > table.center > tr
1  <html>
2      <head>
3          <title>Home Page</title>
4          <style>
5              table{
6                  border:1px solid ■rgb(255, 0, 0)
7              }
8              th,td{
9                  padding: 10px;
10             }
11             th{
12                 text-align:right;
13             }
14             .center{
15                 position: absolute;
16                 top:50%;
17                 left:50%;
18                 transform:translate(-50%,-50%);
19             }
20         </style>
21     </head>
22
```

```
urls.py  views.py  <> home.html  <> result.html
Template > <> home.html > html > body > form > table.center > tr > td
22
23     <body>
24         {% block Content %}
25             <form action = "Register" method = "GET">
26                 <table class = "center">
27                     <tr>
28                         <th colspan = "2">
29                             <center><h3>Registration Form</h3></center><hr>
30                         </th>
31                     </tr>
32                     <tr>
33                         <th>Name:</th>
34                         <td><input type = "text" name = "Name"></td>
35                     </tr>
36                     <tr>
37                         <th>Pass Word:</th>
38                         <td><input type = "Pass Word" name = "PassWord"></td>
39                     </tr>
40                     <tr>
41                         <th>Address:</th>
42                         <td><input type = "text" name = "Address"></td>
43                     </tr>
```

```
urls.py  views.py  <> home.html  <> result.html
Template > <> home.html > html > body > form > table.center > tr > td
41         <th>Address:</th>
42         <td><input type = "text" name = "Address"></td>
43     </tr>
44     <tr>
45         <th>E-Mail:</th>
46         <td><input type = "text" name = "Mail"></td>
47     </tr>
48     <tr>
49         <td colspan = "2">
50             <center><input type = "Submit" value = "Submit"></center>
51         </td>
52     </tr>
53 </table>
54
55 </form>
56 {% endblock %}
57 </body>
58 </html>
```

Source Code Output Details:

GET Method:

 127.0.0.1:8000

Registration Form

Name:

Pass Word:

Address:

E-Mail:

127.0.0.1:8000/Register?Name=Preshnave&PassWord=123&Address=jothinagar&Mail=preshnavem%40gmail.com

View Details	
Name	Preshnave
PassWord	123
Address	jothinagar
Mail	preshnavem@gmail.com

POST Method:

```
urls.py  views.py  home.html x  result.html
Template > home.html > html > body > form > table.center > tr > th > center > h3
20      </body>
21      </head>
22
23      <body>
24          {% block Content %}
25              <form action = "Register" method = "POST">
26                  {% csrf_token %}
27                  <table class = "center">
28                      <tr>
29                          <th colspan = "2">
30                              <center><h3>Registration Form</h3></center><hr>
31                          </th>
```

```
urls.py  views.py  home.html  result.html
First_App > views.py > ...
1  from django.shortcuts import render
2  from django.http import HttpResponse
3
4
5
6  # Create your views here.
7
8
9  def home(request):
10     return render(request, 'home.html')
11
12  def Register(request):
13     Name = request.POST['Name']
14     Password = request.POST['PassWord']
15     Address = request.POST['Address']
16     Mail = request.POST['Mail']
17     return render(request, "result.html", {'Name':Name,'PassWord':Password,'Address':Address,'Mail':Mail})
18
```

127.0.0.1:8000/Register

View Details	
Name	Preshnave
PassWord	123
Address	Coimbatore
Mail	preshnavem@gmail.com