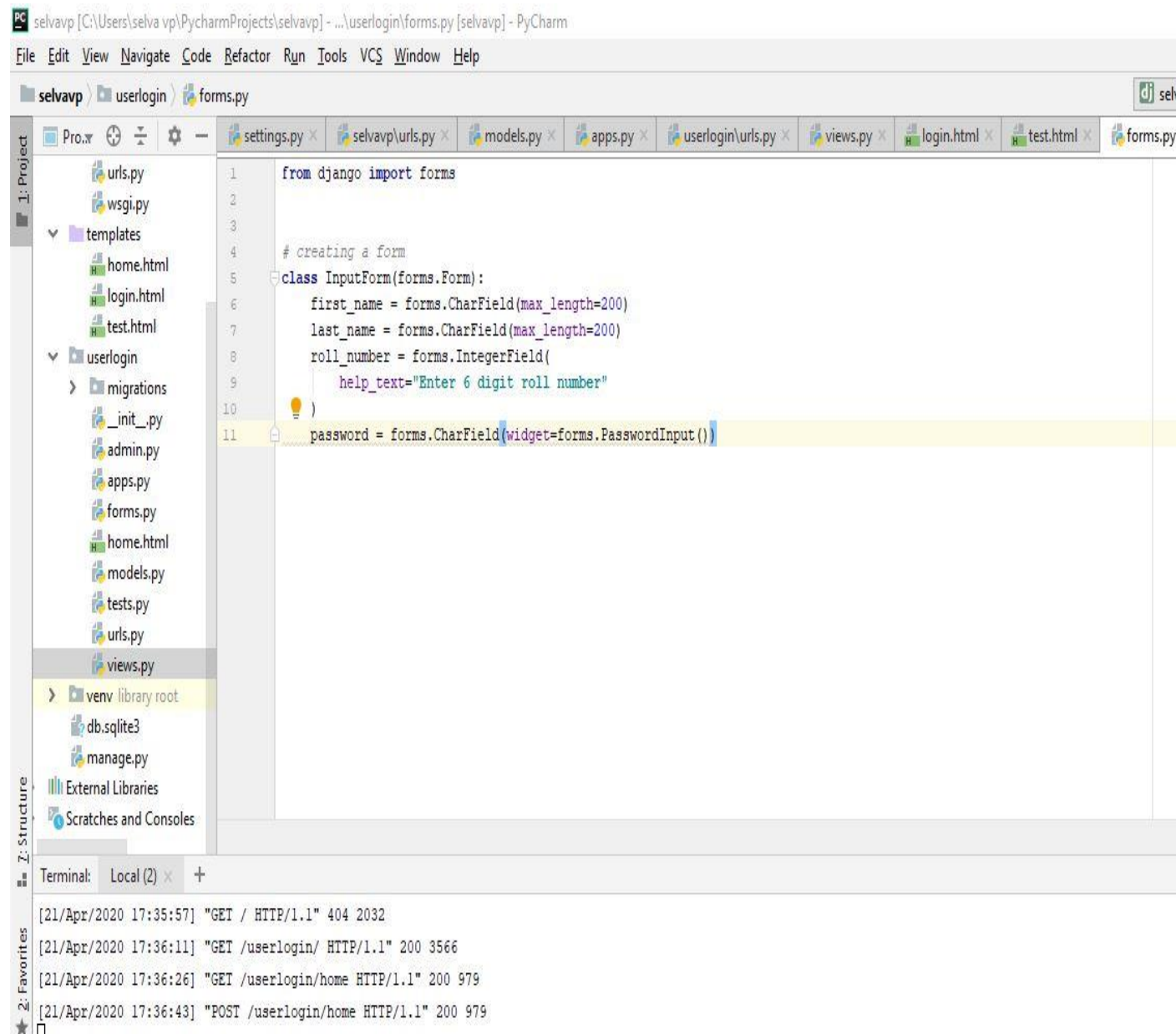


NAME : SELVAKUMAR P

DATE : 21-04-2020

Django Forms

forms.py



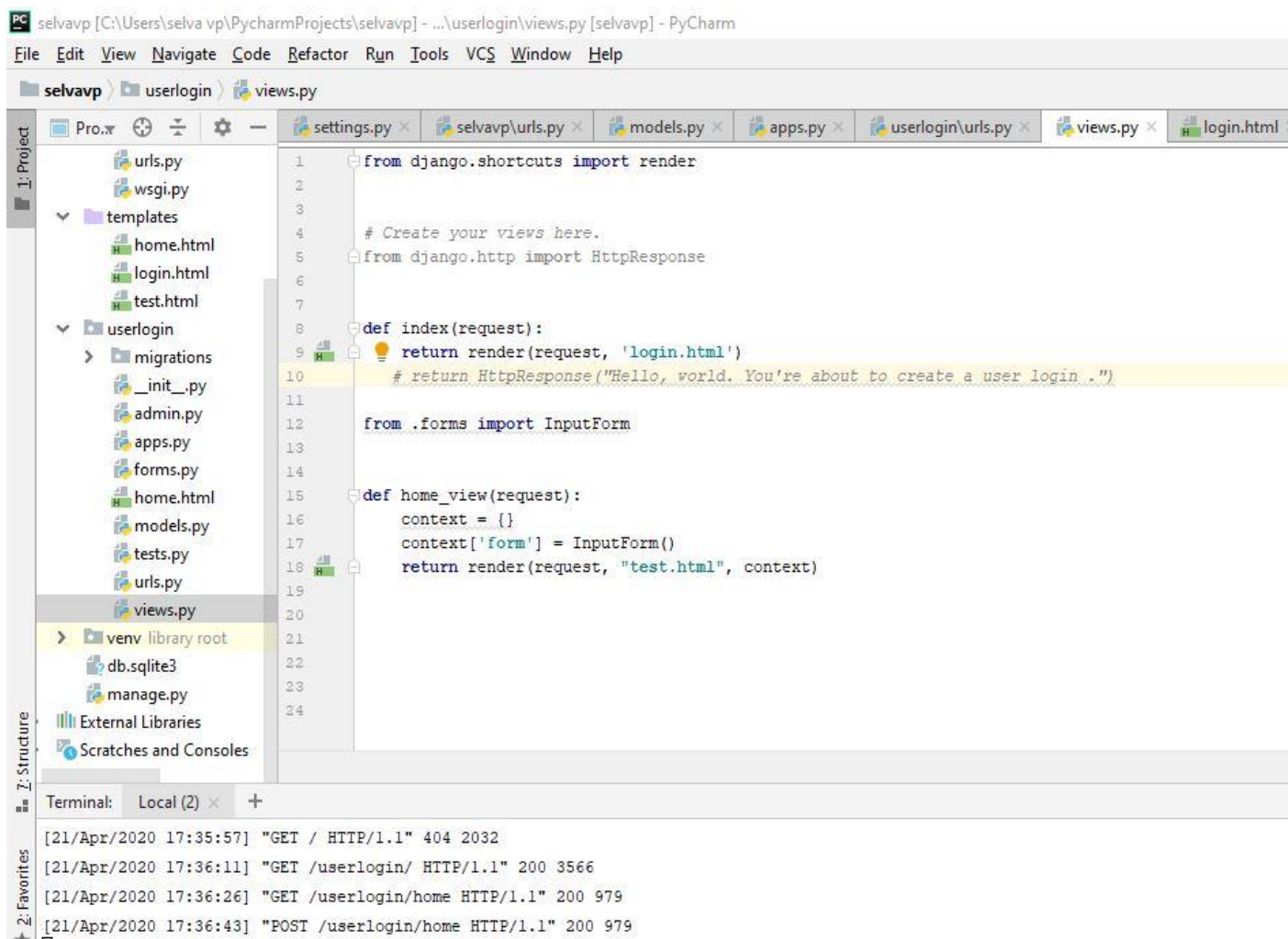
The screenshot shows the PyCharm IDE interface. The top toolbar includes icons for File, Edit, View, Navigate, Code, Refactor, Run, Tools, VCS, Window, and Help. The breadcrumb navigation shows the path: selvavp > userlogin > forms.py. The left sidebar displays the Project Structure tree with folders like templates, userlogin, migrations, and venv, and files like urls.py, wsgi.py, home.html, login.html, test.html, _init_.py, admin.py, apps.py, forms.py, models.py, tests.py, urls.py, and views.py. The main editor window shows the code in forms.py:

```
1 from django import forms
2
3
4 # creating a form
5 class InputForm(forms.Form):
6     first_name = forms.CharField(max_length=200)
7     last_name = forms.CharField(max_length=200)
8     roll_number = forms.IntegerField(
9         help_text="Enter 6 digit roll number"
10    )
11 password = forms.CharField(widget=forms.PasswordInput())
```

The bottom panel shows the Terminal with the following output:

```
Local (2) x +
[21/Apr/2020 17:35:57] "GET / HTTP/1.1" 404 2032
[21/Apr/2020 17:36:11] "GET /userlogin/ HTTP/1.1" 200 3566
[21/Apr/2020 17:36:26] "GET /userlogin/home HTTP/1.1" 200 979
[21/Apr/2020 17:36:43] "POST /userlogin/home HTTP/1.1" 200 979
```

Views.py



Userlogin-urls.py

PC selvavp [C:\Users\selsa vp\PycharmProjects\selvavp] - ...userlogin\urls.py [selvavp] - PyCharm

File Edit View Navigate Code Refactor Run Tools VCS Window Help

selvavp > userlogin > urls.py

1: Project

- urls.py
- wsgi.py
- templates
 - home.html
 - login.html
 - test.html
- userlogin
 - migrations
 - __init__.py
 - admin.py
 - apps.py
 - forms.py
 - home.html
 - models.py
 - tests.py
 - urls.py
 - views.py
- venv library root
- db.sqlite3
- manage.py

2: Structure

External Libraries

Scratches and Consoles

Terminal: Local (2) x +

2: Favorites

```
1 from django.urls import path
2
3 from . import views
4
5 urlpatterns = [
6     path('', views.index, name='index'),
7     path('home', views.home_view, name='home'),
8     # path('', views.loginView, name='login'),
9 ]
10
11
```

[21/Apr/2020 17:35:57] "GET / HTTP/1.1" 404 2032

[21/Apr/2020 17:36:11] "GET /userlogin/ HTTP/1.1" 200 3566

[21/Apr/2020 17:36:26] "GET /userlogin/home HTTP/1.1" 200 979

[21/Apr/2020 17:36:43] "POST /userlogin/home HTTP/1.1" 200 979

urls.py

selvavp [C:\Users\selva vp\PycharmProjects\selvavp] - ...selvavp\urls.py [selvavp] - PyCharm

File Edit View Navigate Code Refactor Run Tools VCS Window Help

selvavp C:\Users\selva vp\

1: Project

- selvavp
 - __init__.py
 - asgi.py
 - home.html
 - settings.py
 - urls.py
 - wsgi.py
 - templates
 - home.html
 - login.html
 - test.html
 - userlogin
 - migrations
 - __init__.py
 - admin.py
 - apps.py
 - forms.py
 - home.html
 - models.py
 - tests.py
 - urls.py
 - views.py

2: Structure

Terminal: Local (2) x +

```
10 1. Add an import: from other_app.views import Home
11 2. Add a URL to urlpatterns: path('', Home.as_view(), name='home')
12 Including another URLconf
13 1. Import the include() function: from django.urls import include, path
14 2. Add a URL to urlpatterns: path('blog/', include('blog.urls'))
15 """
16 from django.contrib import admin
17 from django.urls import path
18
19 urlpatterns = [
20     path('admin/', admin.site.urls),
21 ]
22 from django.contrib import admin
23 from django.urls import include, path
24
25 urlpatterns = [
26     path('userlogin/', include('userlogin.urls')),
27     path('admin/', admin.site.urls),
28 ]
29
```

[21/Apr/2020 17:35:57] "GET / HTTP/1.1" 404 2032
[21/Apr/2020 17:36:11] "GET /userlogin/ HTTP/1.1" 200 3566
[21/Apr/2020 17:36:26] "GET /userlogin/home HTTP/1.1" 200 979
[21/Apr/2020 17:36:43] "POST /userlogin/home HTTP/1.1" 200 979

Templates

Test.html

PC selvavp [C:\Users\selsa vp\PycharmProjects\selvavp] - ...templates\test.html [selvavp] - PyCharm

File Edit View Navigate Code Refactor Run Tools VCS Window Help

selvavp templates test.html

1: Project

- selvavp C:\Users\selsa vp\PycharmProjects\selvavp
 - selvavp
 - __init__.py
 - asgi.py
 - home.html
 - settings.py
 - urls.py
 - wsgi.py
 - templates
 - home.html
 - login.html
 - test.html
 - userlogin
 - migrations
 - __init__.py
 - admin.py
 - apps.py
 - forms.py
 - home.html
 - models.py
 - tests.py
 - urls.py
 - views.py

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <title>Test</title>
6 </head>
7 <body>
8 <form action = "" method = "post">
9     {% csrf_token %}
10    {{form }}
11    <input type="submit" value=Submit">
12 </form>
13 </body>
14 </html>
```

2: Structure

Terminal: Local (2) +

2: Favorites

```
[21/Apr/2020 17:35:57] "GET / HTTP/1.1" 404 2032
[21/Apr/2020 17:36:11] "GET /userlogin/ HTTP/1.1" 200 3566
[21/Apr/2020 17:36:26] "GET /userlogin/home HTTP/1.1" 200 979
[21/Apr/2020 17:36:43] "POST /userlogin/home HTTP/1.1" 200 979
```


Render html

C:\Users\s尔va vp\Desktop\login.html (health) - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

FOLD

```
1 <!DOCTYPE html>
2 <head></head>
3 <body>
4 <link href='https://fonts.googleapis.com/css?family=Open+Sans:700,600' rel='stylesheet' type='text/css'>
5
6 <form method="post" action="index.html">
7 <div class="box">
8 <h1>Dashboard</h1>
9
10 <input type="email" name="email" value="email" onFocus="field_focus(this, 'email');" onBlur="field_blur(this, 'email');" class="email"
    />
11
12 <input type="password" name="email" value="email" onFocus="field_focus(this, 'email');" onBlur="field_blur(this, 'email');" class="
    email" />
13
14 <input type="username" name="name" value="name" onFocus="field_focus(this, 'name');" onBlur="field_blur(this, 'name');" class="name" />
15
16 <input type="mobile" name="mobile" value="mobile" onFocus="field_focus(this, 'mobile');" onBlur="field_blur(this, 'mobile');" class="
    mobile" />
17
18 <a href="#"><div class="btn">Sign In</div></a> <!-- End Btn -->
19
20 <a href="#"><div id="btn2">Sign Up</div></a> <!-- End Btn2 -->
21
22 </div> <!-- End Box -->
23 <style>
24 body{
25   font-family: 'Open Sans', sans-serif;
26   background:#3498db;
27   margin: 0 auto 0 auto;
28   width:100%;
29   text-align:center;
30   margin: 20px 0px 20px 0px;
31 }
32
```

Output (Get and Post) methods

← → ↻ ⓘ 127.0.0.1:8000/userlogin/home

First name: Last name: Roll number:
Enter 6 digit roll number Password:

Dashboard

Forgot your password? [Click Here!](#)