

- **views.py**

```
def java_page_view(request):  
    return render(request, 'testapp/javaexams.html')
```

- **javaexams.html**

```
<!DOCTYPE html>  
{% extends 'testapp/base.html' %}  
{% block body_block %}  
<div class="jumbotron">  
    <div class="container" align='center'>  
        <h1>Welcome To Java Exams</h1>  
    </div>  
</div>  
{% endblock %}
```

- **urls.py**

```
path('java/', views.java_page_view)
```

- **views.py**

```
def python_page_view(request):  
    return render(request, 'testapp/pythonexams.html')
```

- **pythonexams.html**

```
<!DOCTYPE html>  
{% extends 'testapp/base.html' %}  
{% block body_block %}  
<div class="jumbotron">  
    <div class="container" align='center'>  
        <h1>Welcome To Python Exams</h1>  
    </div>  
</div>  
{% endblock %}
```

- **urls.py**

```
path('python/', views.python_page_view)
```

- **views.py**

```
def aptitude_page_view(request):  
    return render(request, 'testapp/aptitudeexams.html')
```

- **aptitudeexams.html**

```
<!DOCTYPE html>
{% extends 'testapp/base.html' %}
{% block body_block%}
<div class="jumbotron">
  <div class="container" align='center'>
    <h1>Welcome To Aptitude Exams</h1>
  </div>
</div>
{% endblock %}
```

- **urls.py**

```
path('aptitude/', views.aptitude_page_view),
```

auth application will use one table:user  
Create super user and go to admin interface then add user.

```
from django.contrib.auth.decorators import login_required
@login_required
def java_page_view(request):
    return render(request,'testapp/javaexams.html')
```

start server send request:  
http://127.0.0.1:8000/  
Click on javaexams

### **Problem-1**

Page not found (404)  
Request Method: GET  
Request URL: http://127.0.0.1:8000/accounts/login/?next=/java/

Solved this problem by including auth application url

- **project level urls.py**

```
path('accounts/', include('django.contrib.auth.urls')),
```

### **Problem-2**

TemplateDoesNotExist at /accounts/login/  
Exception Value:

registration/login.html

Create a folder under templates with the name registration and create a file login.html

- **login.html**

```
<!DOCTYPE html>
{% extends 'testapp/base.html' %}
{% block body_block %}
<div class="jumbotron">
  <div class="container" align='center'>
    <h1>Please Login To Write Exams....</h1>
    <form method="post">
      {{form.as_p}}
      {% csrf_token %}
      <input type="submit" name="" value="Login">
    </form>
  </div>
</div>
{% endblock %}
```

### **Implementing login functionality**

#### **Note:**

login page url pattern from auth application:accounts/login

If we click on login button, after login the next page is profile page by default. If we want to configure our own destination page, we have to write a line in settings.py

**Step-1:**Update base.html as:

```
<a class="nav-link" href="/accounts/login">Login</a>
```

**Step-2:**Configure destination page in settings.py

```
LOGIN_REDIRECT_URL = '/'
```

### **Implement logout functionality:**

**Step-1:**Update logout link with the url pattern:/accounts/logout

```
<a class="nav-link"
href="/accounts/logout">Logout</a>
```

**Step-2:**The default destination page for logout is admin logout page.

We can configure our own logout destination page

LOGOUT\_REDIRECT\_URL = '/'

Here logout destination page:home page(/)

### Defining separate logout destination page:

- **logout.html**

```
<!DOCTYPE html>
{% extends 'testapp/base.html' %}
{% block body_block %}
<div class="jumbotron">
  <div class="container" align='center'>
    <h1>Thanks for Using MAHESHEXAMS</h1>
    <p>Anyway we are feeling sad b'z you logout, atleast 24-hrs per day you
have to use our app....</p>
    <h2>Please login again to enjoy.....</h2>
    <a href="/accounts/login" class="btn btn-success">Login</a>
  </div>
</div>
{% endblock %}
```

- **views.py**

```
def logout_view(request):
    return render(request, 'testapp/logout.html')
```

- **urls.py**

```
path('logout/', views.logout_view)
```

- **settings.py**

```
LOGOUT_REDIRECT_URL = '/logout'
```