**Apr 23**

Profile Application:

Name:

Age:

GF:

Please check your complete info

D:\Django\_20MAR\_7PM>django-admin startproject sessionproject6

D:\Django\_20MAR\_7PM>cd sessionproject6

D:\Django\_20MAR\_7PM\sessionproject6>py manage.py startapp testapp

**-->**Add app in settings.py

**-->**makemigrations and migrate

* **forms.py**

from django import forms

class NameForm(forms.Form):

name = forms.CharField()

* **views.py**

from testapp.forms import NameForm

def name\_view(request):

form = NameForm()

return render(request,'testapp/name.html',{'form':form})

* **name.html**

<body>

<h1>Name Registration Form</h1>

<form action="">

{{form.as\_p}}

{% csrf\_token %}

<input type="submit" name="" value="Submit Name">

</form>

</body>

* **urls.py**

path('name/',views.name\_view)

* **forms.py**

class AgeForm(forms.Form):

age = forms.IntegerField()

* **views.py**

def age\_view(request):

name = request.GET['name']

request.session['name'] = name

form = AgeForm()

return render(request,'testapp/age.html',{'form':form,'name':name})

* **age.html**

<body>

<h1>Hello {{name}}, Provide Age</h1>

<form action="">

{{form.as\_p}}

{% csrf\_token %}

<input type="submit" name="" value="Submit Age">

</form>

</body>

* **urls.py**

path('age/',views.age\_view)

* **name.html**

<form action='/age'>

* **forms.py**

class GfForm(forms.Form):

name = forms.CharField()

* **views.py**

def gf\_view(request):

age = request.GET['age']

request.session['age'] = age

name = request.session['name']

form = GfForm()

return render(request,'testapp/gf.html',{'form':form,'name':name})

* **gf.html**

<body>

<h1>Hello {{name}}, Provide Girl Friend Name</h1>

<form action="">

{{form.as\_p}}

{% csrf\_token %}

<input type="submit" name="" value="Submit GF Name">

</form>

</body>

* **views.py**

def results\_view(request):

gf = request.GET['gf']

request.session['gf'] = gf

name = request.session['name']

age = request.session['age']

return render(request,'testapp/results.html')

* **results.html**

<body>

{% if request.session %}

<h1>Thanks for providing information...please confirm once</h1>

<ul>

{% for key,value in request.session.items %}

<li>{{key | upper}}:{{value | title}}</li>

{% endfor %}

</ul>

{% else %}

<h1>No information available</h1>

{% endif %}

</body>

* **urls.py**

path('results/',views.results\_view)

**Cart Application with Session API**

**CHAPTER-9**

**Authentication and Authorization:**

**Authentication:**The process of validating user.

**Authorization:**The process of validating access permission of a user.

login page

uname and password--->should be stored for future purpose

validation must be required

**auth application**

1).django.contrib.auth

2).django.contrib.contenttypes

**Demo app:**

D:\Django\_20MAR\_7PM>django-admin startproject authproject

D:\Django\_20MAR\_7PM>cd authproject

D:\Django\_20MAR\_7PM\authproject>py manage.py startapp testapp

**-->**Add app in settings.py

**-->**makemigrations and migrate

* **base.html**

<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

<div class="container">

<a class="navbar-brand" href="#">MAHESHEXAMS</a>

<ul class="navbar-nav mr-auto">

<li class="nav-item active">

<a class="nav-link" href="#">Home <span class="sr-only"></span></a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Java Exams</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Python Exams</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Aptitude Exams</a>

</li>

</ul>

<ul class="navbar-nav ml-auto">

<li class="nav-item">

<a class="nav-link" href="#">Signup</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Login</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Logout</a>

</li>

</ul>

</div>

</nav>

{% block body\_block%}

{% endblock %}

</body>

* **home.html**

<!DOCTYPE html>

{% extends 'testapp/base.html' %}

{% block body\_block %}

<div class="jumbotron">

<div class="container">

<h1>Welcome To MAHESH EXAMS</h1>

<h2>Rules:</h2>

<ul>

<li>Rule-1:You should write only one exam per day</li>

</ul>

</div>

</div>

{% endblock %}

* **views.py**

def home\_page\_view(request):

return render(request,'testapp/home.html')

* **urls.py**

path('', views.home\_page\_view),