AN INTERNSHIP REPORT

ON

Web development using Python

(Django framework)

Submitted by

Rakholiya Pammy S.(211020107521)

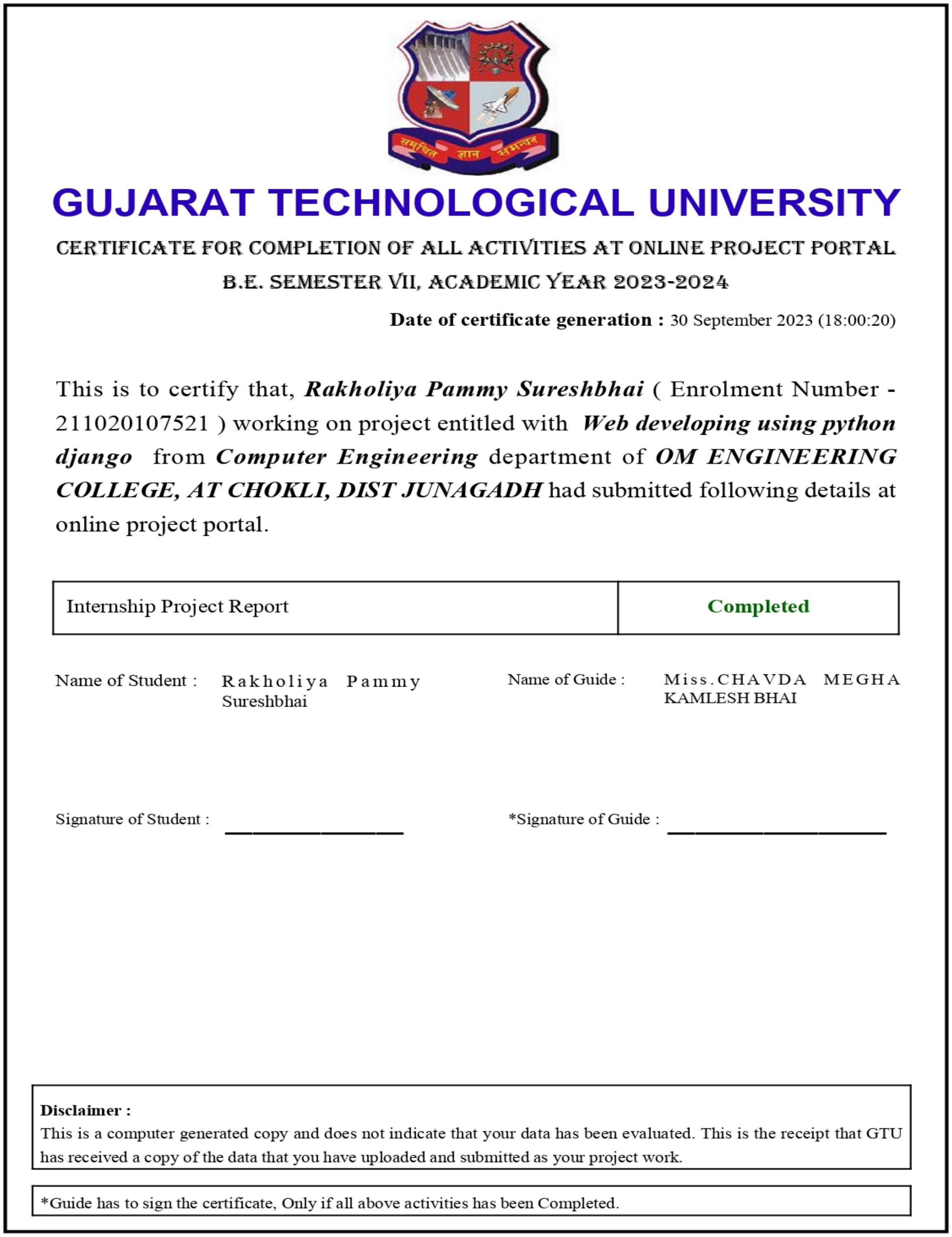
Student of

Bachelors of Engineering

in

Computer Engineering
Department

Summer Internship (3170001)



GUJARAT TECHNOLOGICAL UNIVERSITY

CERTIFICATE FOR COMPLETION OF ALL ACTIVITIES AT ONLINE PROJECT PORTAL
B.E. SEMESTER VII, ACADEMIC YEAR 2023-2024

Date of certificate generation : 30 September 2023 (18:00:20)

This is to certify that, ***Rakholiya Pammy Sureshbhai*** (Enrolment Number - 211020107521) working on project entitled with ***Web developing using python django*** from ***Computer Engineering*** department of ***OM ENGINEERING COLLEGE, AT CHOKLI, DIST JUNAGADH*** had submitted following details at online project portal.

Internship Project Report	**Completed**

Name of Student : Rakholiya Pammy Sureshbhai

Name of Guide : Miss.CHAVDA MEGHA KAMLESH BHAI

Signature of Student : ____________________

*Signature of Guide : ________________________

Disclaimer :
This is a computer generated copy and does not indicate that your data has been evaluated. This is the receipt that GTU has received a copy of the data that you have uploaded and submitted as your project work.

*Guide has to sign the certificate, Only if all above activities has been Completed.

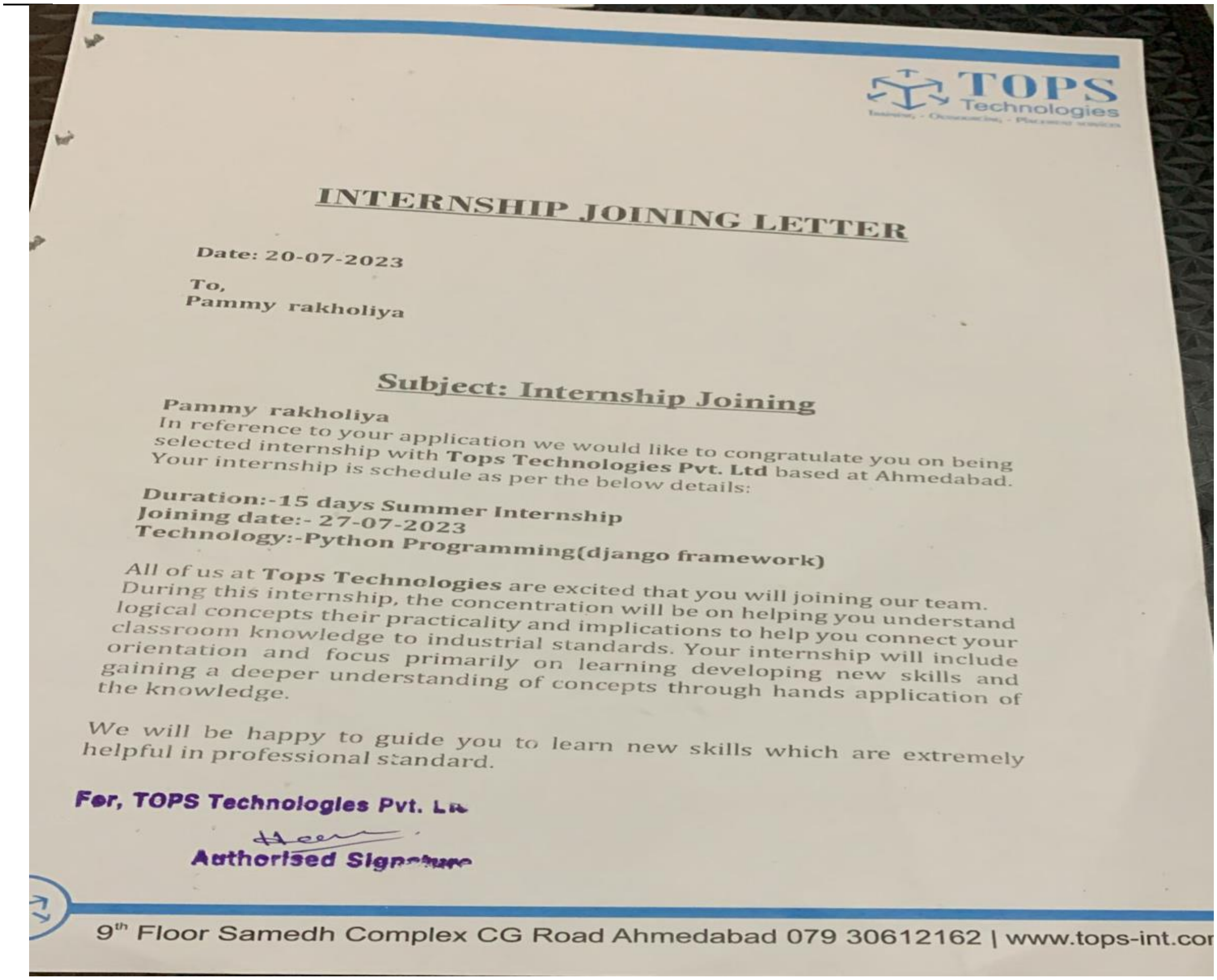
DECLARATION

I do hereby solemnly declare that the work presented in this Internship Report has been carried out by me and has not been previously submitted to any other University, College, and Organization for any academic Qualification and Certificate.

I hereby warrant that the work I have presented does not breach any existing copyright acts.

Rakholiya Pammy

CONFIRMATION LETTER



TOPS Technologies

Training - Outsourcing - Placement services

INTERNSHIP JOINING LETTER

Date: 20-07-2023

To,
Pammy rakholiya

Subject: Internship Joining

Pammy rakholiya

In reference to your application we would like to congratulate you on being selected internship with **Tops Technologies Pvt. Ltd** based at Ahmedabad. Your internship is schedule as per the below details:

Duration:-15 days Summer Internship
Joining date:- 27-07-2023
Technology:-Python Programming(django framework)

All of us at **Tops Technologies** are excited that you will joining our team. During this internship, the concentration will be on helping you understand logical concepts their practicality and implications to help you connect your classroom knowledge to industrial standards. Your internship will include orientation and focus primarily on learning developing new skills and gaining a deeper understanding of concepts through hands application of the knowledge.

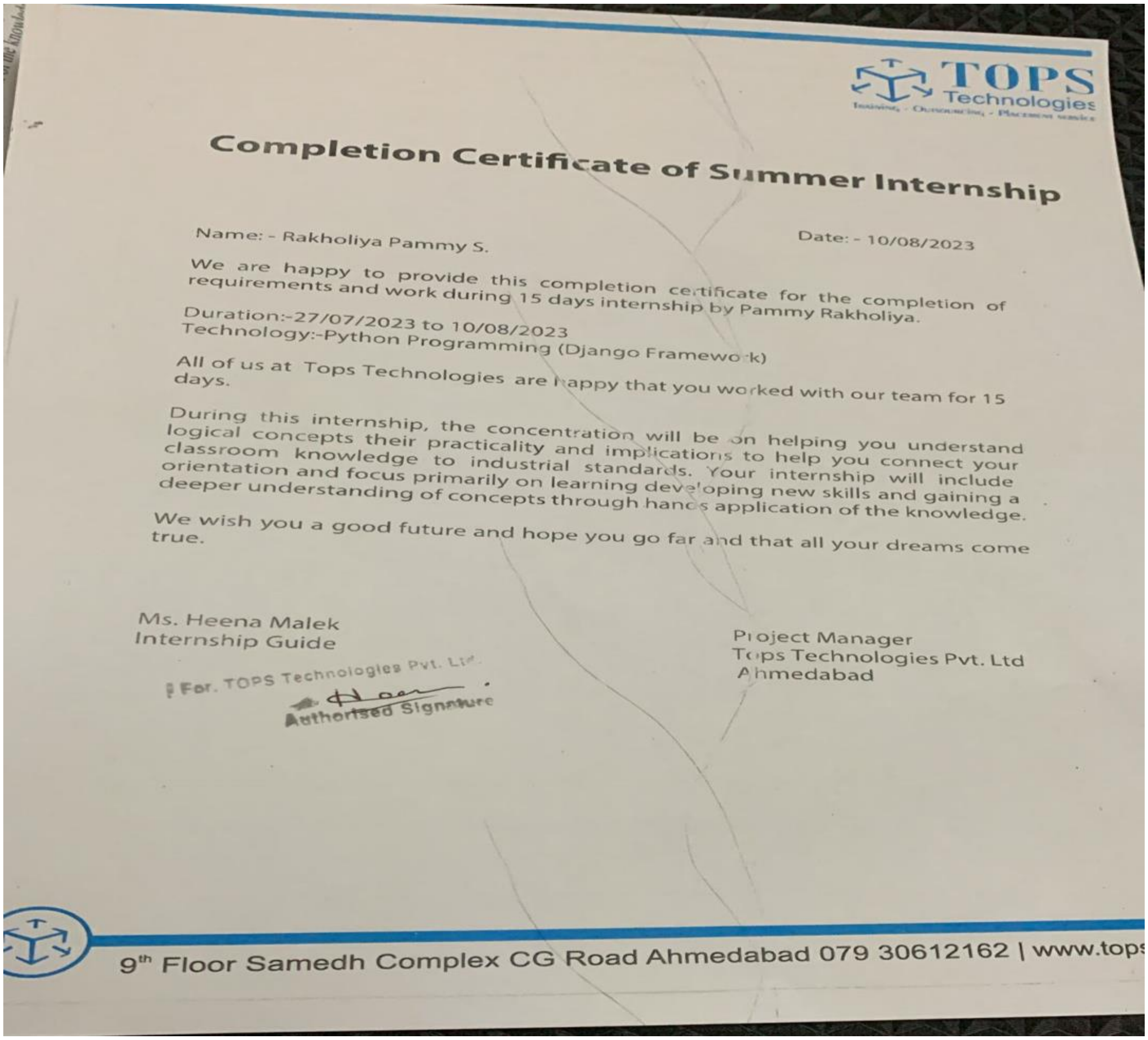
We will be happy to guide you to learn new skills which are extremely helpful in professional standard.

For, TOPS Technologies Pvt. Ltd

Authorised Signature

9th Floor Samedh Complex CG Road Ahmedabad 079 30612162 | www.tops-int.co

CERTIFICATE OF COMPLETION



TOPS Technologies

Training - Outsourcing - Placement services

Completion Certificate of Summer Internship

Name: - Rakholiya Pammy S.

Date: - 10/08/2023

We are happy to provide this completion certificate for the completion of requirements and work during 15 days internship by Pammy Rakholiya.

Duration:-27/07/2023 to 10/08/2023

Technology:-Python Programming (Django Framework)

All of us at Tops Technologies are happy that you worked with our team for 15 days.

During this internship, the concentration will be on helping you understand logical concepts their practicality and implications to help you connect your classroom knowledge to industrial standards. Your internship will include orientation and focus primarily on learning developing new skills and gaining a deeper understanding of concepts through hands application of the knowledge.

We wish you a good future and hope you go far and that all your dreams come true.

Ms. Heena Malek
Internship Guide

For. TOPS Technologies Pvt. Ltd.
Authorised Signature

Project Manager
Tops Technologies Pvt. Ltd
Ahmedabad

9th Floor Samedh Complex CG Road Ahmedabad 079 30612162 | www.tops

COMPANY PROFILE

Established in 2016, incorporation with our parent IT company, INFOLABZ IT SERVICES PVT. LTD. has managed to make it's own position in IT Sector. We are involved in Web Development, App Development, Progressive Web Application Development, IOT solutions, Graphics & Designing, Digital Marketing, Domain & Hosting services, SMS services etc.

In the span of seven years we have managed to deliver all projects on time with utmost accuracy to our clients across the globe. We have dedicated teams of experienced and hardworking developers. Our developers who are always willing to take new challenges and looking forward to learn new things, are heart of this company.

Our objective is to sustain with exponential growth in IT industry. Our mission is to deliver the best with top notch quality every quarter and vision is to develop a product with one of its kind concept which could be used by millions of people.

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	- Bootstrap	
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	- Concept of APIs	
	- Requests Package	
	- API : Covid, Bitcoin, ISRO etc	
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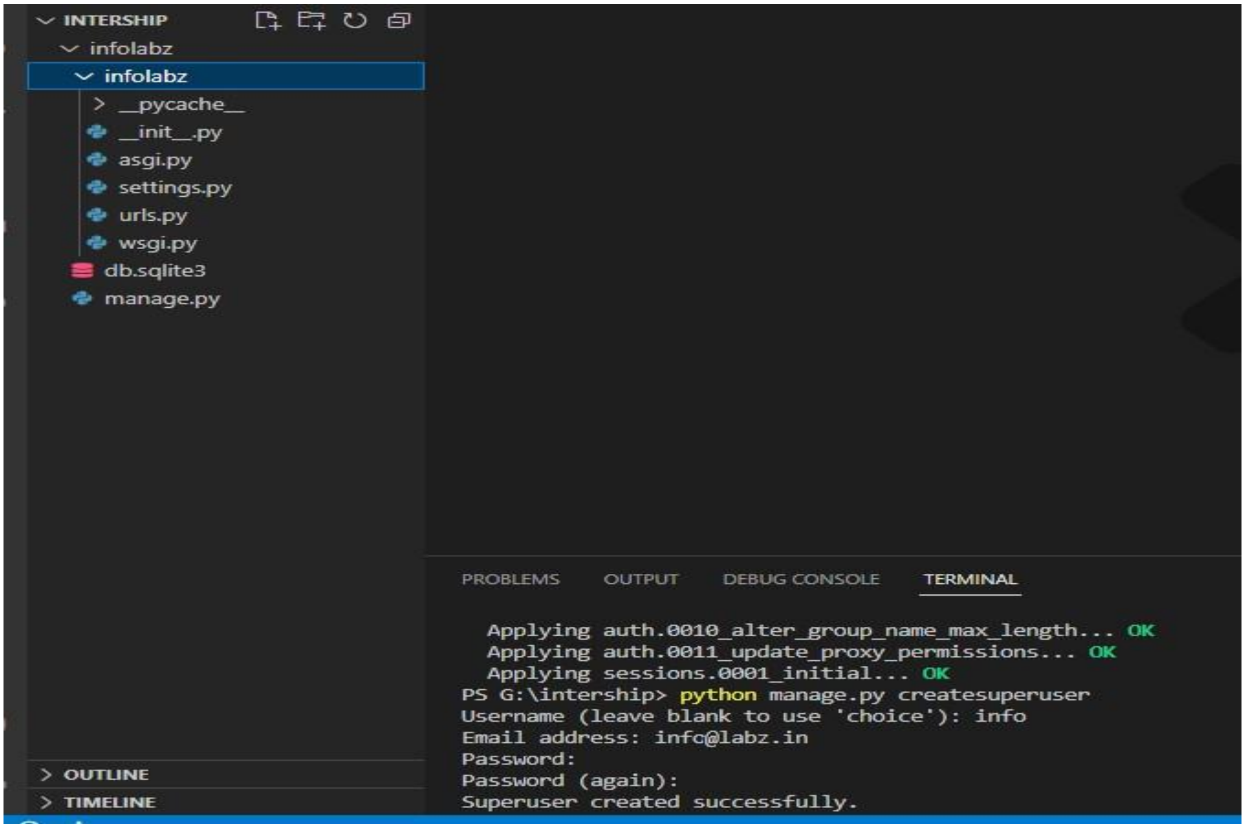
Date: 27 JULY 2023 Day 1 WEEK 1

- **Django Environment setup**
  In this Section Downlod Django framework using python pip command.
  - Pip install Django

- **Django project creation**
  Create First project in Django Using its command.
  - django-admin startproject infolabz .

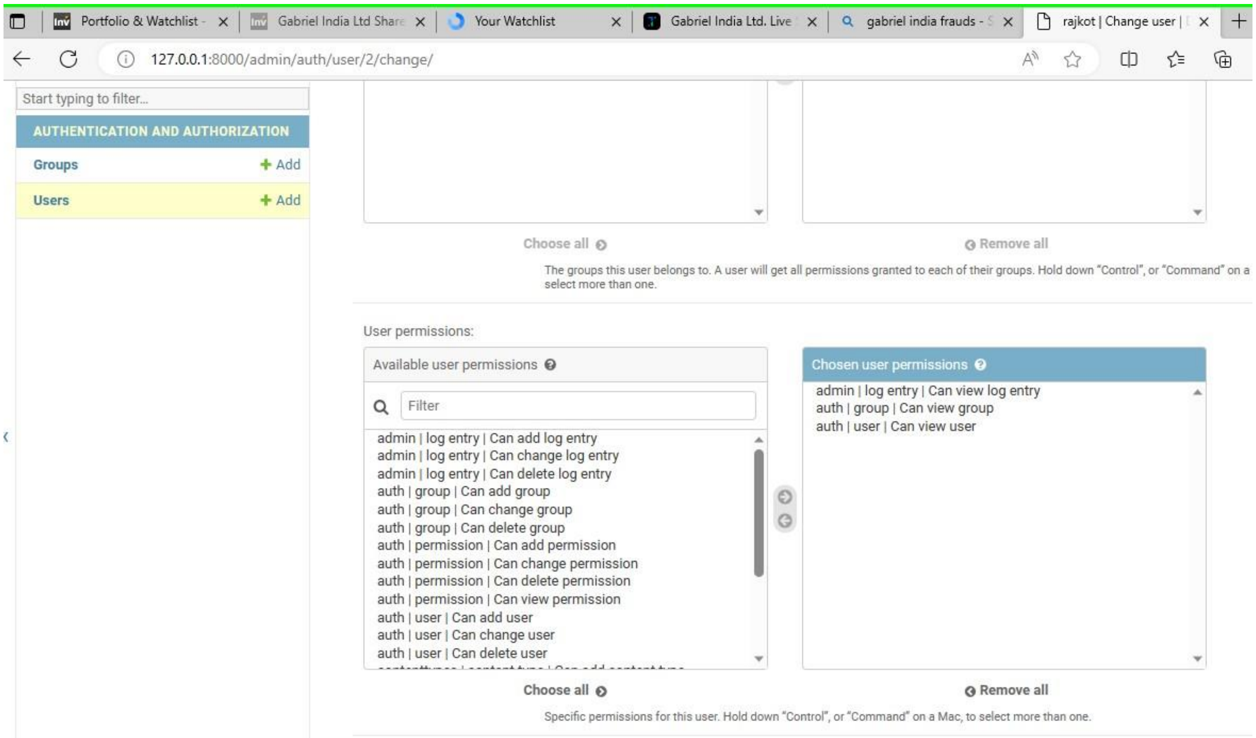
- **Django super user**
  Create Super User for access Django admin panel which is given by default by Django.
  - python manage.py createsuperuser



```
  Applying auth.0010_alter_group_name_max_length... OK
  Applying auth.0011_update_proxy_permissions... OK
  Applying sessions.0001_initial... OK
PS G:\intership> python manage.py createsuperuser
Username (leave blank to use 'choice'): info
Email address: infc@labz.in
Password:
Password (again):
Superuser created successfully.
```

Date: 28 JULY 2023 Day 2 WEEK 1

- **Super user permissions**
  Here we create multiple super users and give various permissions to each.



Portfolio & Watchlist - | Gabriel India Ltd Share | Your Watchlist | Gabriel India Ltd. Live | gabriel india frauds - | rajkot | Change user |

127.0.0.1:8000/admin/auth/user/2/change/

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

Choose all | Remove all

The groups this user belongs to. A user will get all permissions granted to each of their groups. Hold down "Control", or "Command" on a select more than one.

User permissions:

Available user permissions

Filter

admin | log entry | Can add log entry
admin | log entry | Can change log entry
admin | log entry | Can delete log entry
auth | group | Can add group
auth | group | Can change group
auth | group | Can delete group
auth | permission | Can add permission
auth | permission | Can change permission
auth | permission | Can delete permission
auth | permission | Can view permission
auth | user | Can add user
auth | user | Can change user
auth | user | Can delete user

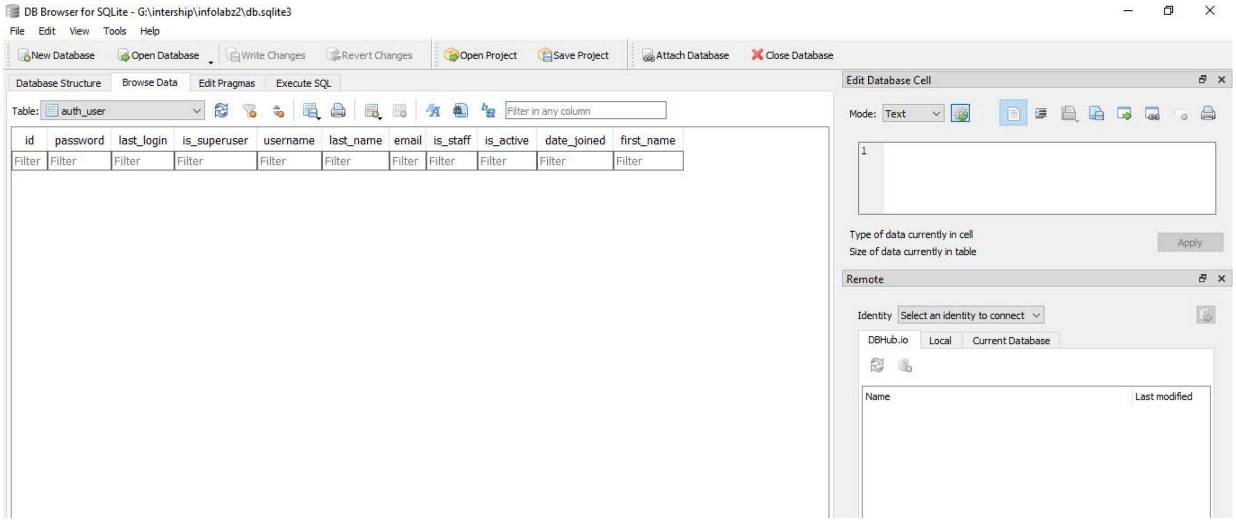
Chosen user permissions

admin | log entry | Can view log entry
auth | group | Can view group
auth | user | Can view user

Choose all | Remove all

Specific permissions for this user. Hold down "Control", or "Command" on a Mac, to select more than one.

- **SQLite Database Browser**
  Download SQLite software for visualization of database in well-organized table form.



DB Browser for SQLite - G:\intership\infolabz2\db.sqlite3

Table: auth_user

Filter in any column

id	password	last_login	is_superuser	username	last_name	email	is_staff	is_active	date_joined	first_name
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter

Edit Database Cell

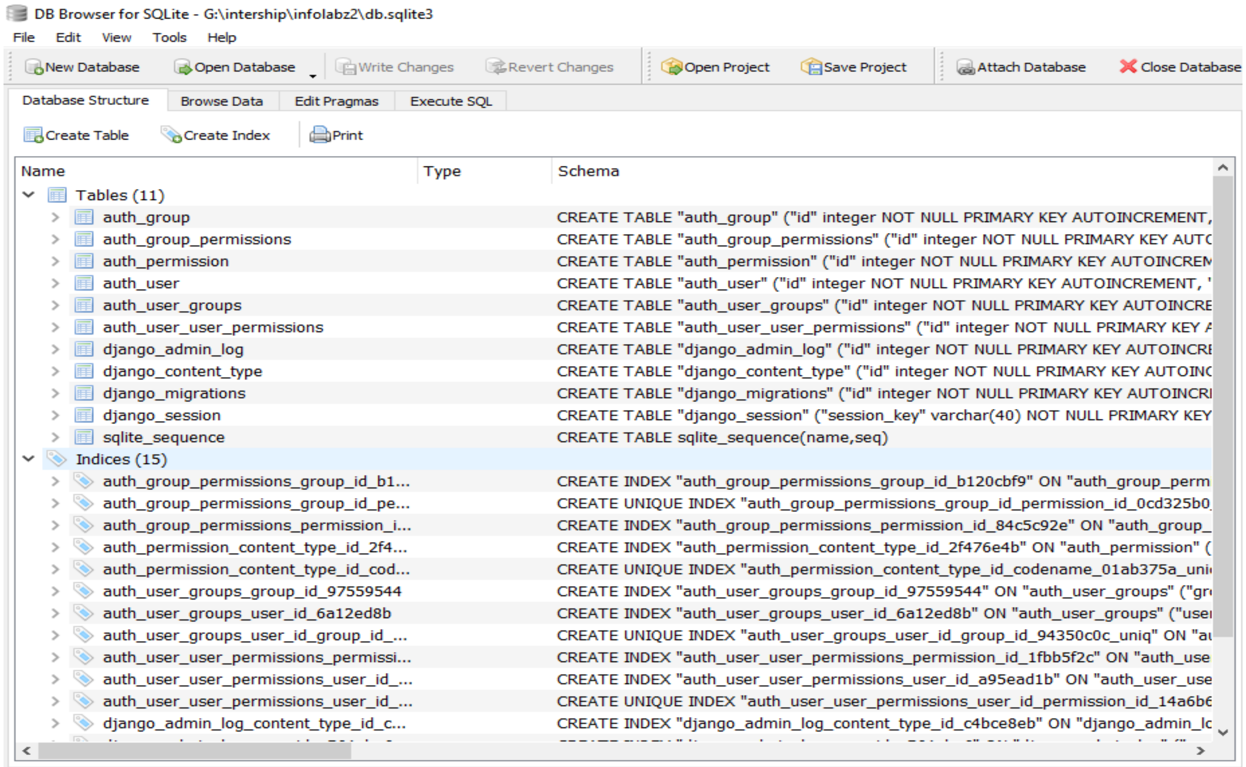
Mode: Text

1

Type of data currently in cell
Size of data currently in table

Identity Select an identity to connect

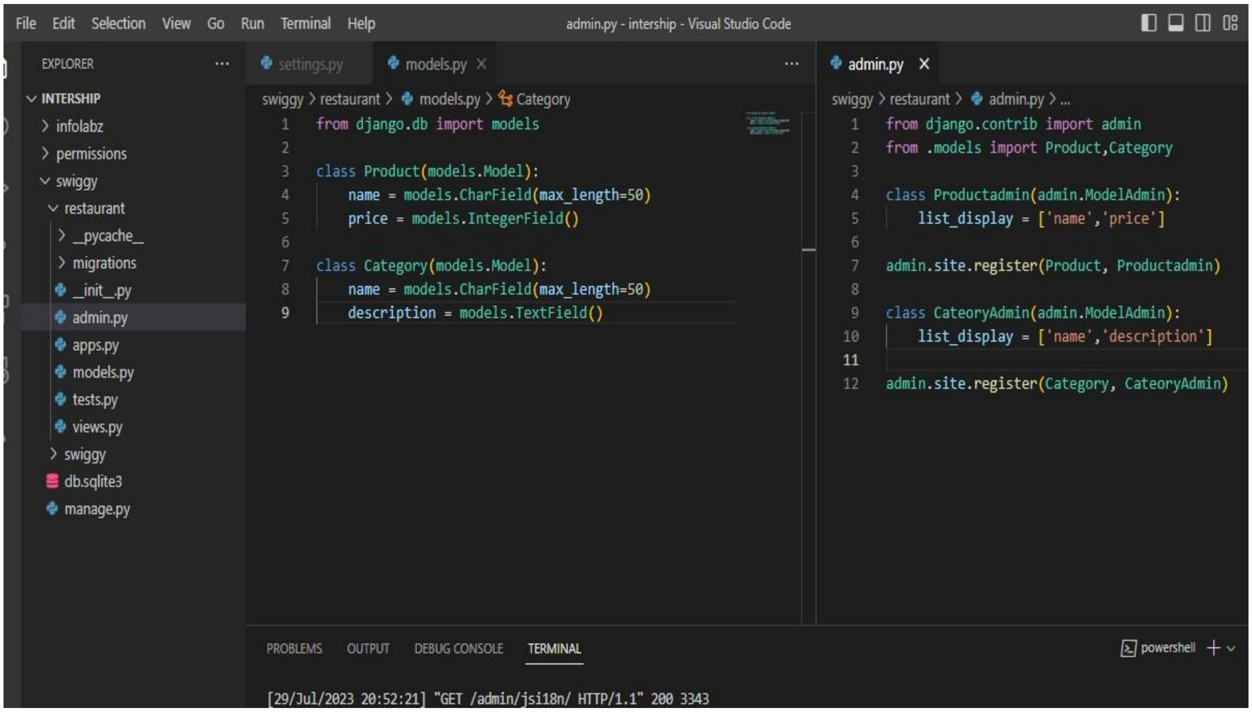
Name	Last modified



DB Browser for SQLite - G:\intership\infolabz2\db.sqlite3

Name	Type	Schema
Tables (11)		
auth_group		CREATE TABLE "auth_group" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT,
auth_group_permissions		CREATE TABLE "auth_group_permissions" ("id" integer NOT NULL PRIMARY KEY AUTC
auth_permission		CREATE TABLE "auth_permission" ("id" integer NOT NULL PRIMARY KEY AUTOINCREM
auth_user		CREATE TABLE "auth_user" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT, '
auth_user_groups		CREATE TABLE "auth_user_groups" ("id" integer NOT NULL PRIMARY KEY AUTOINCRE
auth_user_user_permissions		CREATE TABLE "auth_user_user_permissions" ("id" integer NOT NULL PRIMARY KEY A
django_admin_log		CREATE TABLE "django_admin_log" ("id" integer NOT NULL PRIMARY KEY AUTOINCRE
django_content_type		CREATE TABLE "django_content_type" ("id" integer NOT NULL PRIMARY KEY AUTOINC
django_migrations		CREATE TABLE "django_migrations" ("id" integer NOT NULL PRIMARY KEY AUTOINCRI
django_session		CREATE TABLE "django_session" ("session_key" varchar(40) NOT NULL PRIMARY KEY
sqlite_sequence		CREATE TABLE sqlite_sequence(name,seq)
Indices (15)		
auth_group_permissions_group_id_b1...		CREATE INDEX "auth_group_permissions_group_id_b120cbf9" ON "auth_group_perm
auth_group_permissions_group_id_pe...		CREATE UNIQUE INDEX "auth_group_permissions_group_id_permission_id_0cd325b0
auth_group_permissions_permission_i...		CREATE INDEX "auth_group_permissions_permission_id_84c5c92e" ON "auth_group_
auth_permission_content_type_id_2f4...		CREATE INDEX "auth_permission_content_type_id_2f476e4b" ON "auth_permission" (
auth_permission_content_type_id_cod...		CREATE UNIQUE INDEX "auth_permission_content_type_id_codename_01ab375a_uni
auth_user_groups_group_id_97559544		CREATE INDEX "auth_user_groups_group_id_97559544" ON "auth_user_groups" ("gr
auth_user_groups_user_id_6a12ed8b		CREATE INDEX "auth_user_groups_user_id_6a12ed8b" ON "auth_user_groups" ("use
auth_user_groups_user_id_group_id_...		CREATE UNIQUE INDEX "auth_user_groups_user_id_group_id_94350c0c_uniq" ON "au
auth_user_user_permissions_permissi...		CREATE INDEX "auth_user_user_permissions_permission_id_1fbb5f2c" ON "auth_use
auth_user_user_permissions_user_id_...		CREATE INDEX "auth_user_user_permissions_user_id_a95ead1b" ON "auth_user_use
auth_user_user_permissions_user_id_...		CREATE UNIQUE INDEX "auth_user_user_permissions_user_id_permission_id_14a6b6
django_admin_log_content_type_id_c...		CREATE INDEX "django_admin_log_content_type_id_c4bce8eb" ON "django_admin_lc

- **First Model : Database Table : Insert Update & Delete**
  Create first table into data base with help of Django project which follow object to table mapping. E.g. class name = table name, class property = table fields



File Edit Selection View Go Run Terminal Help
admin.py - intership - Visual Studio Code
EXPLORER
INTERSHIP
infolabz
permissions
swiggy
restaurant
pycache
migrations
init.py
admin.py
apps.py
models.py
tests.py
views.py
swiggy
db.sqlite3
manage.py
settings.py
models.py
swiggy > restaurant > models.py > Category
admin.py
swiggy > restaurant > admin.py > ...
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
powershell

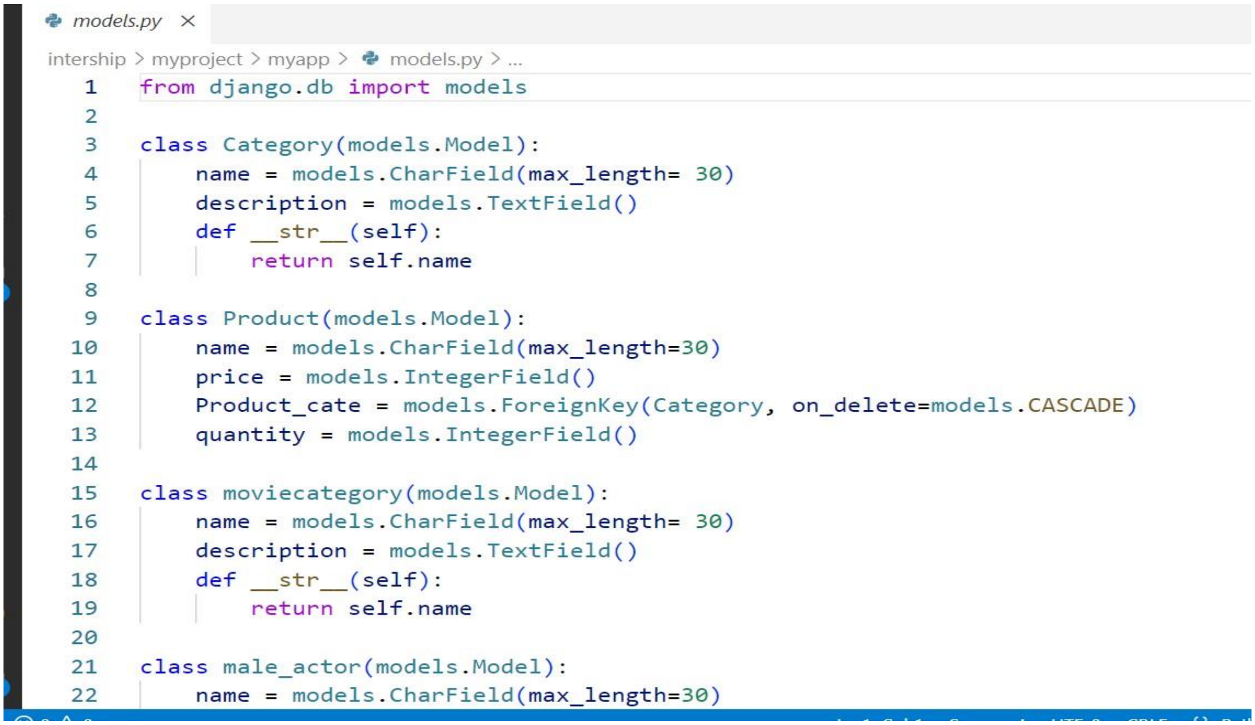
```python
from django.db import models

class Product(models.Model):
    name = models.CharField(max_length=50)
    price = models.IntegerField()

class Category(models.Model):
    name = models.CharField(max_length=50)
    description = models.TextField()
```

```python
from django.contrib import admin
from .models import Product,Category

class Productadmin(admin.ModelAdmin):
    list_display = ['name','price']

admin.site.register(Product, Productadmin)

class CateoryAdmin(admin.ModelAdmin):
    list_display = ['name','description']

admin.site.register(Category, CateoryAdmin)
```

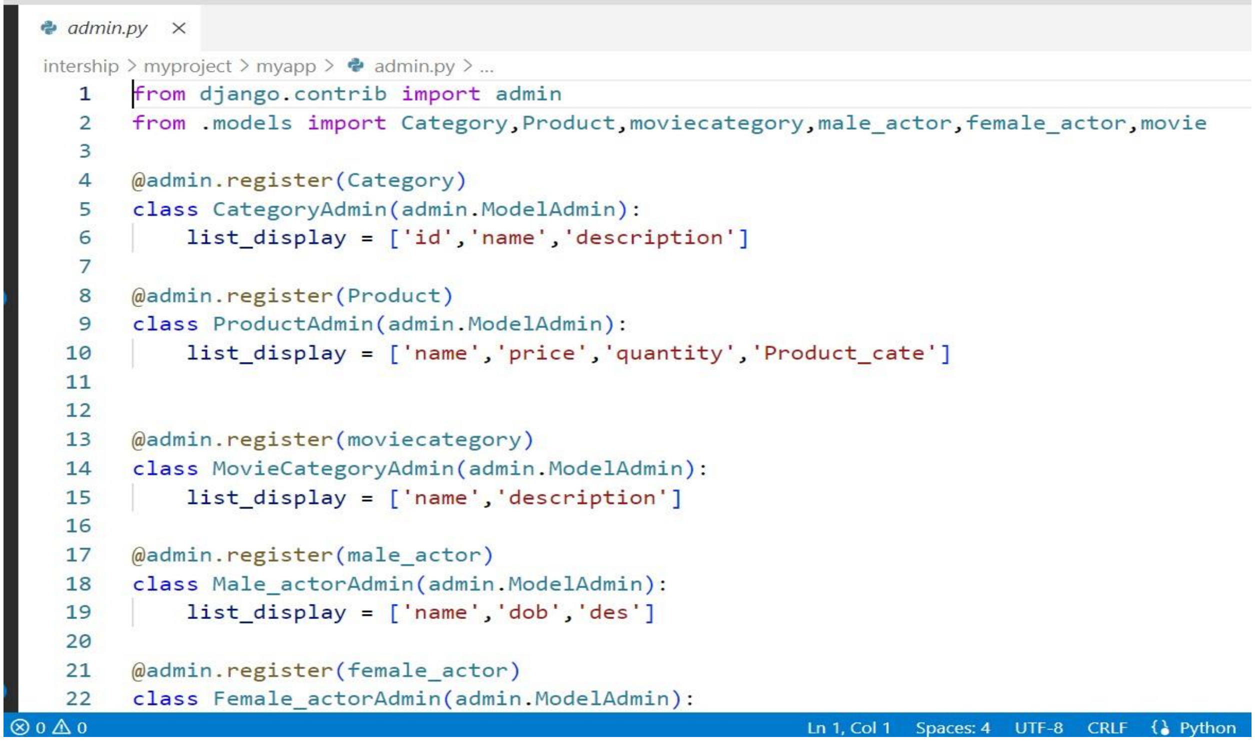
```
[29/Jul/2023 20:52:21] "GET /admin/jsi18n/ HTTP/1.1" 200 3343
```

Date: 31 JULY 2023 Day 3 WEEK 1

- **Multiple Database Tables with different Fields**
  Created multiple table with different types of field like Character, number, text, etc.



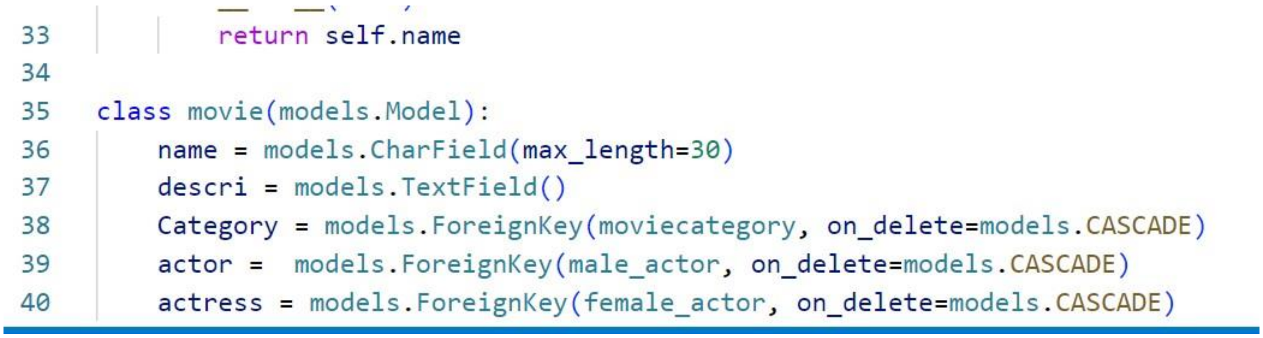
```python
from django.db import models

class Category(models.Model):
    name = models.CharField(max_length= 30)
    description = models.TextField()
    def __str__(self):
        return self.name

class Product(models.Model):
    name = models.CharField(max_length=30)
    price = models.IntegerField()
    Product_cate = models.ForeignKey(Category, on_delete=models.CASCADE)
    quantity = models.IntegerField()

class moviecategory(models.Model):
    name = models.CharField(max_length= 30)
    description = models.TextField()
    def __str__(self):
        return self.name

class male_actor(models.Model):
    name = models.CharField(max_length=30)
```



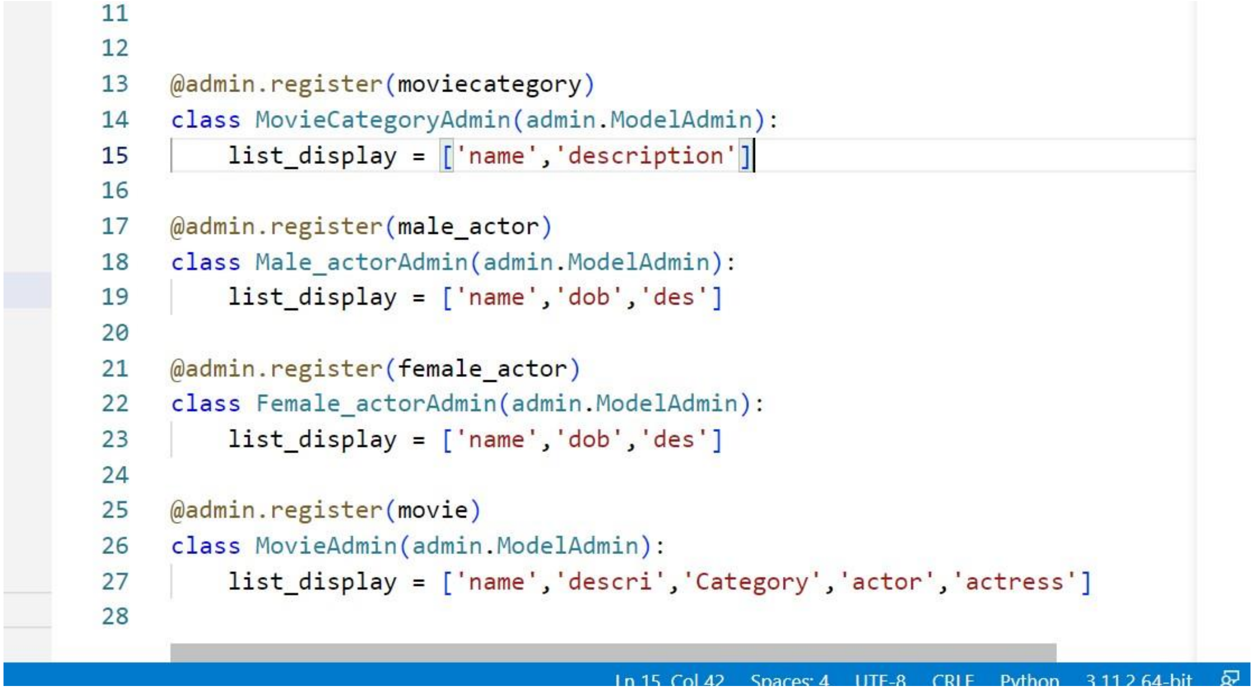
```python
from django.contrib import admin
from .models import Category,Product,moviecategory,male_actor,female_actor,movie

@admin.register(Category)
class CategoryAdmin(admin.ModelAdmin):
    list_display = ['id','name','description']

@admin.register(Product)
class ProductAdmin(admin.ModelAdmin):
    list_display = ['name','price','quantity','Product_cate']


@admin.register(moviecategory)
class MovieCategoryAdmin(admin.ModelAdmin):
    list_display = ['name','description']

@admin.register(male_actor)
class Male_actorAdmin(admin.ModelAdmin):
    list_display = ['name','dob','des']

@admin.register(female_actor)
class Female_actorAdmin(admin.ModelAdmin):
```

Date: 01 AUG 2023 Day 4 WEEK 1

- **Foreign Key Concept**
  In this session we learn about how to assign foreign key to field of database through Django project.



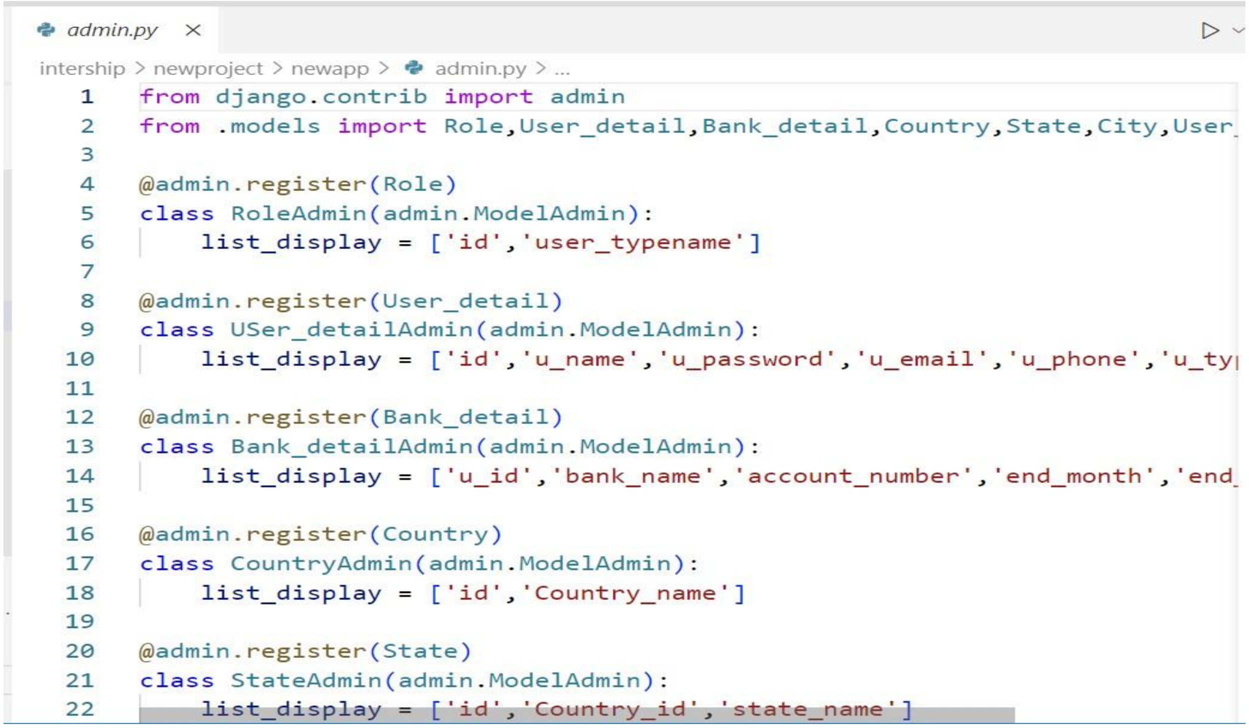
```
        return self.name

class movie(models.Model):
    name = models.CharField(max_length=30)
    descri = models.TextField()
    Category = models.ForeignKey(moviecategory, on_delete=models.CASCADE)
    actor =  models.ForeignKey(male_actor, on_delete=models.CASCADE)
    actress = models.ForeignKey(female_actor, on_delete=models.CASCADE)
```



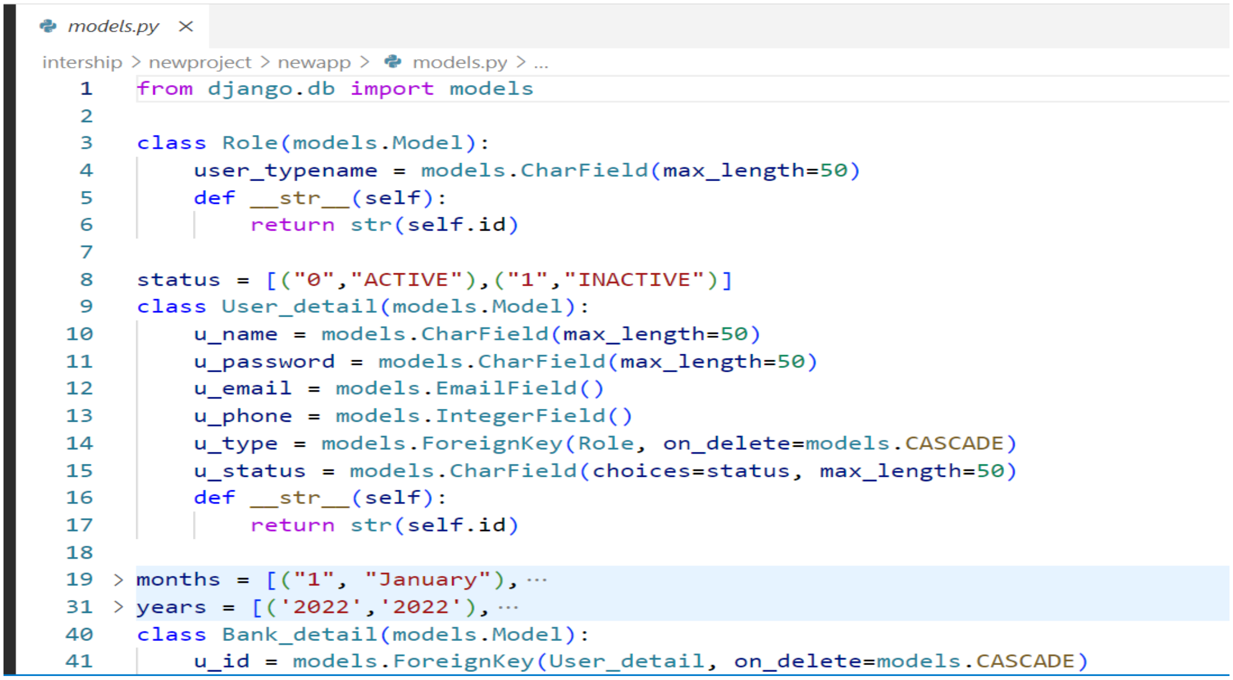
```


@admin.register(moviecategory)
class MovieCategoryAdmin(admin.ModelAdmin):
    list_display = ['name','description']

@admin.register(male_actor)
class Male_actorAdmin(admin.ModelAdmin):
    list_display = ['name','dob','des']

@admin.register(female_actor)
class Female_actorAdmin(admin.ModelAdmin):
    list_display = ['name','dob','des']

@admin.register(movie)
class MovieAdmin(admin.ModelAdmin):
    list_display = ['name','descri','Category','actor','actress']

```

Date: 02 AUG 2023 Day 5 WEEK 1

- **Assignment project task**
  That day I create a project myself as a assignment given to us.

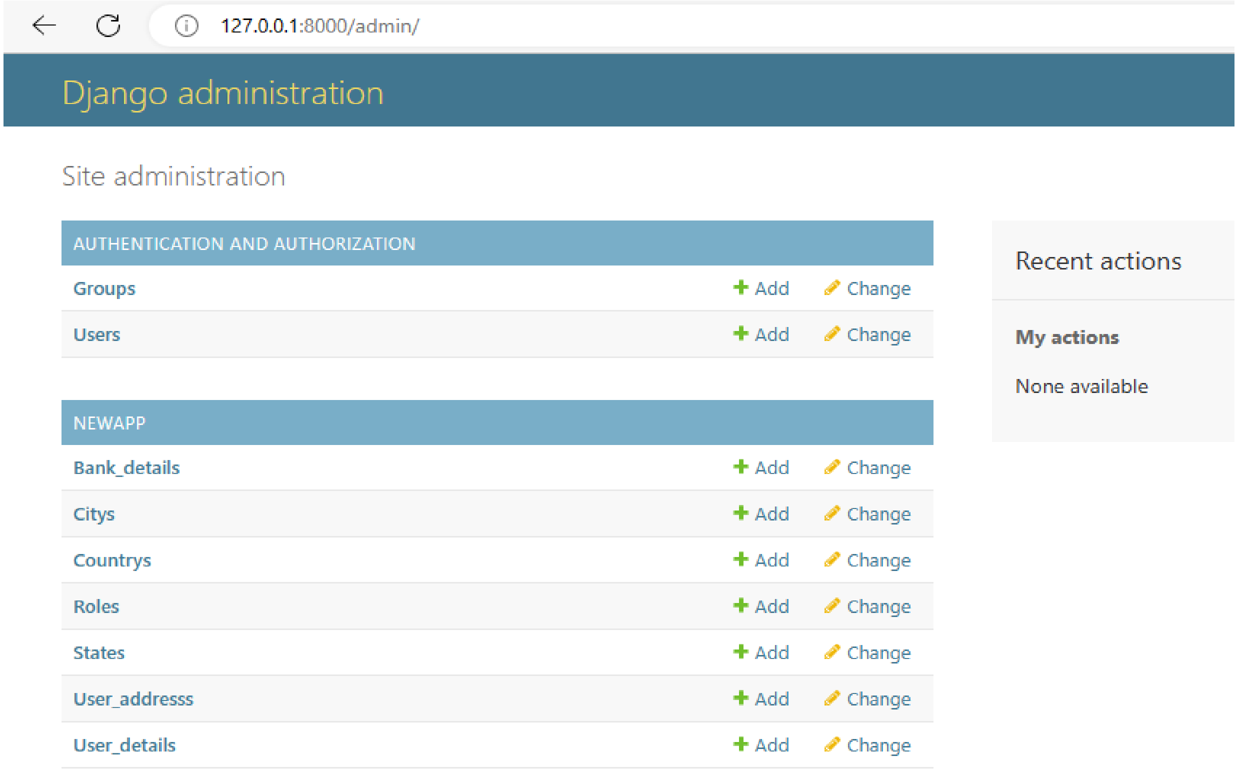


```
from django.contrib import admin
from .models import Role,User_detail,Bank_detail,Country,State,City,User_

@admin.register(Role)
class RoleAdmin(admin.ModelAdmin):
    list_display = ['id','user_typename']

@admin.register(User_detail)
class USer_detailAdmin(admin.ModelAdmin):
    list_display = ['id','u_name','u_password','u_email','u_phone','u_ty

@admin.register(Bank_detail)
class Bank_detailAdmin(admin.ModelAdmin):
    list_display = ['u_id','bank_name','account_number','end_month','end_

@admin.register(Country)
class CountryAdmin(admin.ModelAdmin):
    list_display = ['id','Country_name']

@admin.register(State)
class StateAdmin(admin.ModelAdmin):
    list_display = ['id','Country_id','state_name']
```



```
from django.db import models

class Role(models.Model):
    user_typename = models.CharField(max_length=50)
    def __str__(self):
        return str(self.id)

status = [("0","ACTIVE"),("1","INACTIVE")]
class User_detail(models.Model):
    u_name = models.CharField(max_length=50)
    u_password = models.CharField(max_length=50)
    u_email = models.EmailField()
    u_phone = models.IntegerField()
    u_type = models.ForeignKey(Role, on_delete=models.CASCADE)
    u_status = models.CharField(choices=status, max_length=50)
    def __str__(self):
        return str(self.id)

months = [("1", "January"), ···
years = [('2022','2022'), ···
class Bank_detail(models.Model):
    u_id = models.ForeignKey(User_detail, on_delete=models.CASCADE)
```

- **Admin Panel Project : Backend Bank Customer DB development**
  In this assignment I created a project which has main two databse table Bank details and Customer that both are connected as per requirement.



127.0.0.1:8000/admin/

Django administration

Site administration

AUTHENTICATION AND AUTHORIZATION

Groups	+ Add	✎ Change
Users	+ Add	✎ Change

NEWAPP

Bank_details	+ Add	✎ Change
Citys	+ Add	✎ Change
Countrys	+ Add	✎ Change
Roles	+ Add	✎ Change
States	+ Add	✎ Change
User_addresss	+ Add	✎ Change
User_details	+ Add	✎ Change

Recent actions

My actions

None available

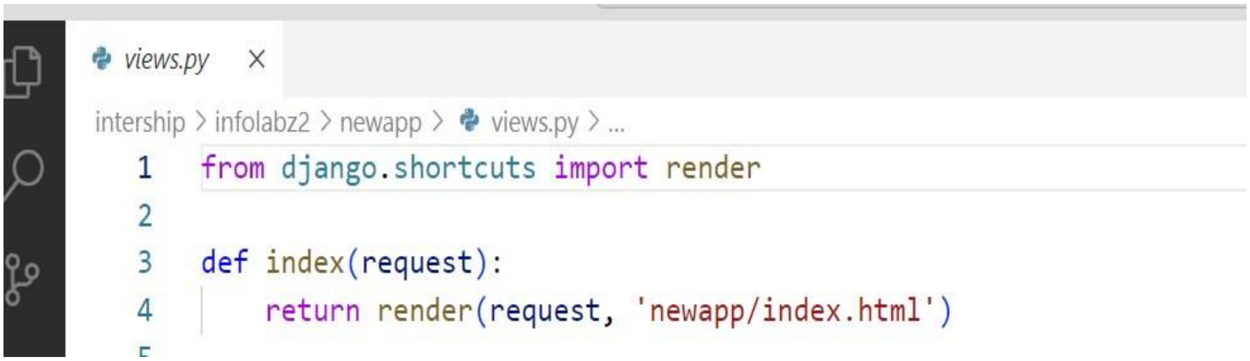
Date: 03 AUG 2023 Day 6 WEEK 2

- **Loading HTML Page in Django**

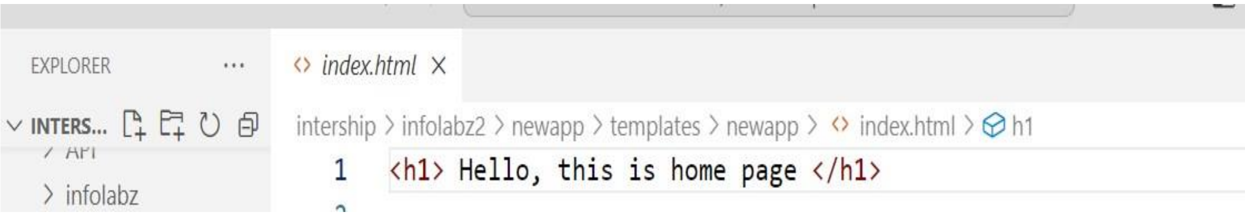
  Show a simple html page through a Django.

  Required steps to load html page :

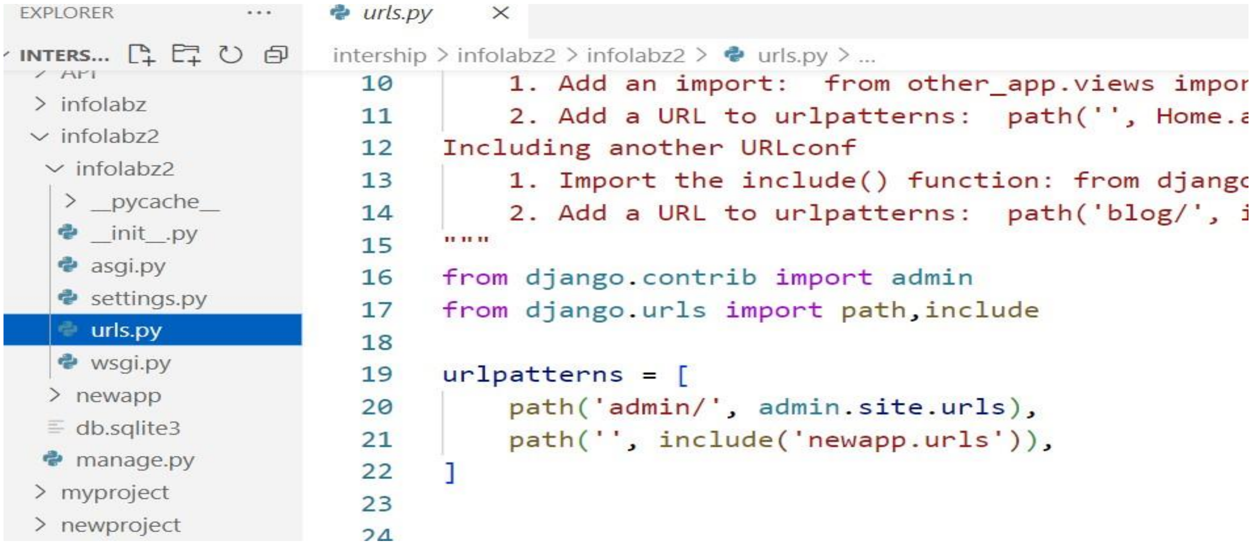
  1. Create folder name ‘Templates’ inside app
  2. Add html page into Templates folder
  3. Create function in views.py for render html page
  4. Create url for call that function
  5. Create main url for include app’s Urls



```python
from django.shortcuts import render

def index(request):
    return render(request, 'newapp/index.html')
```


EXPLORER
INTERS...
API
infolabz
index.html
intership > infolabz2 > newapp > templates > newapp > index.html > h1

```html
<h1> Hello, this is home page </h1>
```



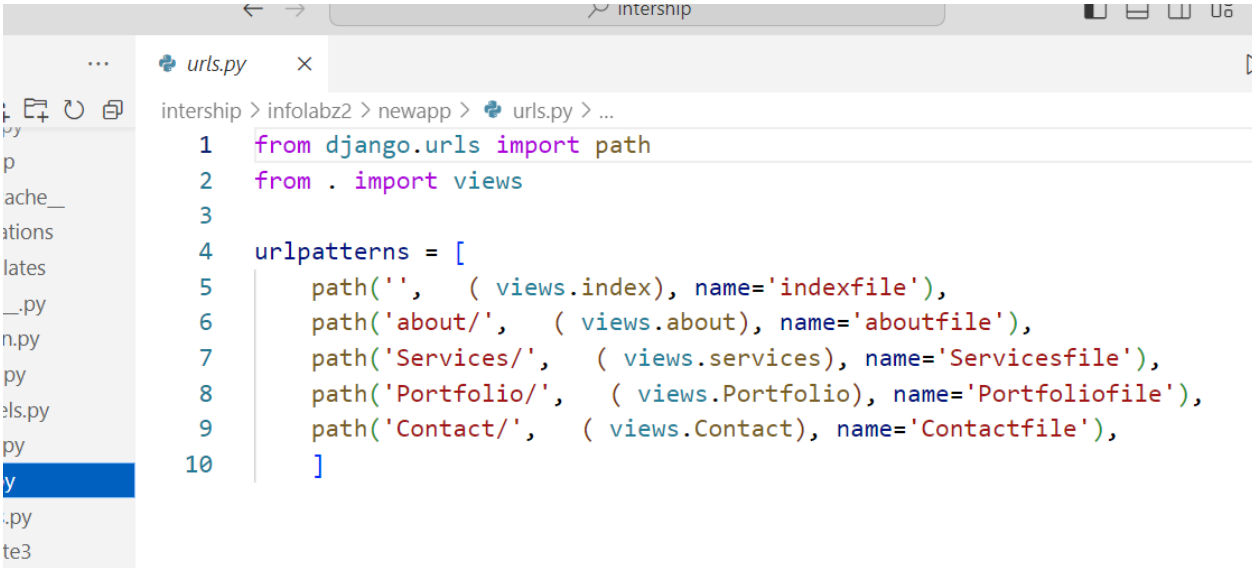
```python
    1. Add an import:  from other_app.views impor
    2. Add a URL to urlpatterns:  path('', Home.a
Including another URLconf
    1. Import the include() function: from djang
    2. Add a URL to urlpatterns:  path('blog/', i
"""
from django.contrib import admin
from django.urls import path,include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('newapp.urls')),
]
```

- **Page Routing in Django**

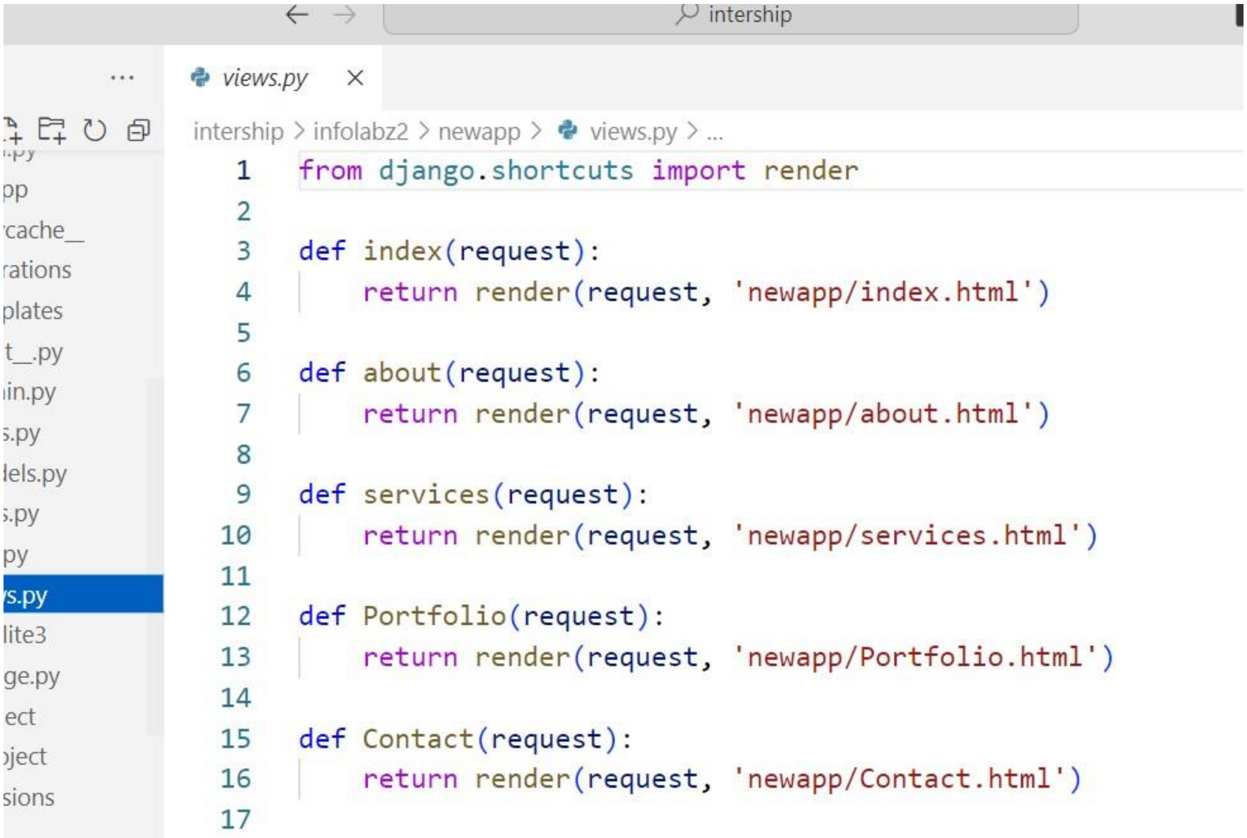
  Use Django Template tags for routing the urls.

  href = "{% url 'url name' %}"

  In that we create multiple page like Home, About Us, Contact Us, Services, and Portfolio. Also Create Route for visit each other from every pages.



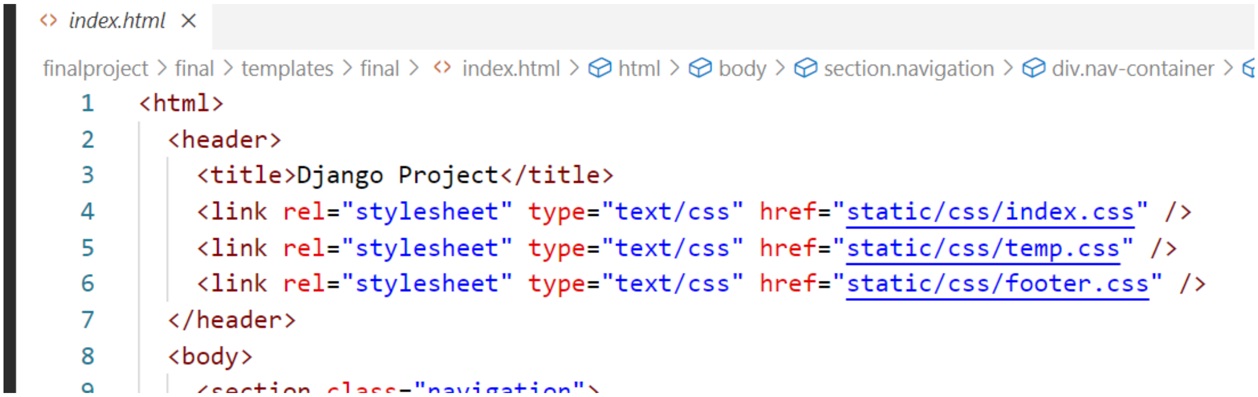
```python
from django.urls import path
from . import views

urlpatterns = [
    path('',    ( views.index), name='indexfile'),
    path('about/',    ( views.about), name='aboutfile'),
    path('Services/',    ( views.services), name='Servicesfile'),
    path('Portfolio/',    ( views.Portfolio), name='Portfoliofile'),
    path('Contact/',    ( views.Contact), name='Contactfile'),
    ]
```



```python
from django.shortcuts import render

def index(request):
    return render(request, 'newapp/index.html')

def about(request):
    return render(request, 'newapp/about.html')

def services(request):
    return render(request, 'newapp/services.html')

def Portfolio(request):
    return render(request, 'newapp/Portfolio.html')

def Contact(request):
    return render(request, 'newapp/Contact.html')

```

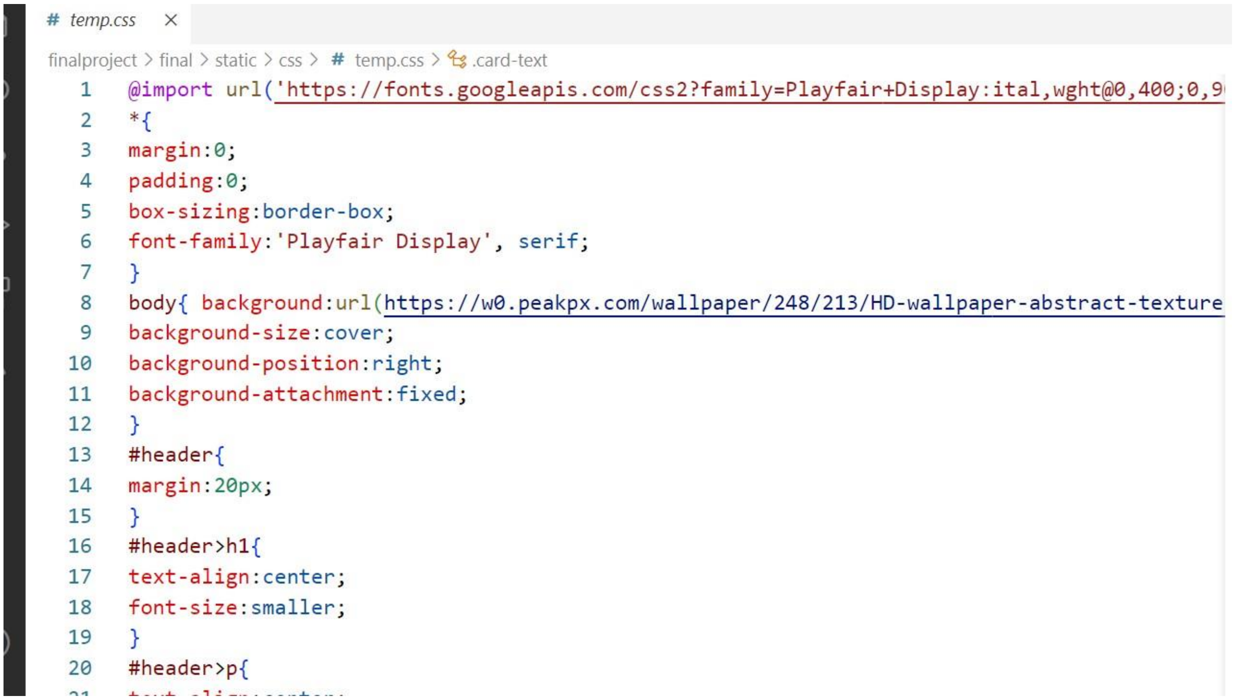
Date: 04 AUG 2023 Day 7 WEEK 2

- **Implementation of Static folder (CSS, JS & IMAGES) in Django**
  Load static things in html templates using tags load static.
  For that first we have to create a static folder inside app.


index.html
finalproject > final > templates > final > index.html > html > body > section.navigation > div.nav-container >

```
<html>
  <header>
    <title>Django Project</title>
    <link rel="stylesheet" type="text/css" href="static/css/index.css" />
    <link rel="stylesheet" type="text/css" href="static/css/temp.css" />
    <link rel="stylesheet" type="text/css" href="static/css/footer.css" />
  </header>
  <body>
    <section class="navigation">
```

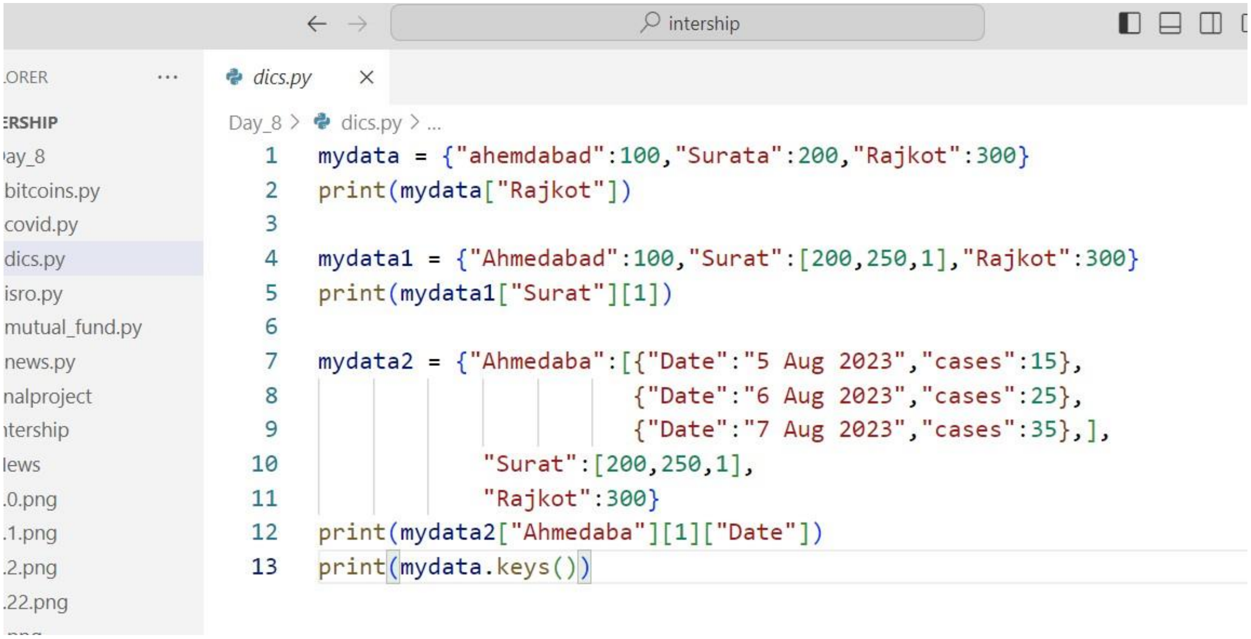
- **Bootstrap**
  Also add Bootstrap in that html page same as other static files like CSS.



```
@import url('https://fonts.googleapis.com/css2?family=Playfair+Display:ital,wght@0,400;0,9
*{
margin:0;
padding:0;
box-sizing:border-box;
font-family:'Playfair Display', serif;
}
body{ background:url(https://w0.peakpx.com/wallpaper/248/213/HD-wallpaper-abstract-texture
background-size:cover;
background-position:right;
background-attachment:fixed;
}
#header{
margin:20px;
}
#header>h1{
text-align:center;
font-size:smaller;
}
#header>p{
text-align:center;
```

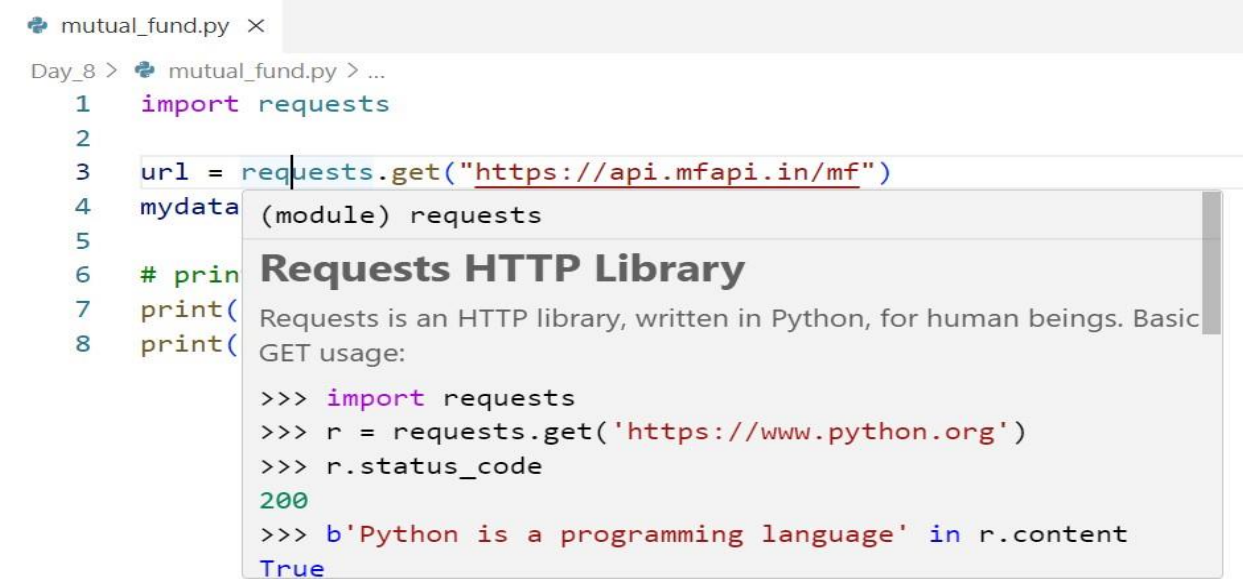
Date: 07 AUG 2023 Day 8 WEEK 2

- **Dictionary**
  Learn about python inbuilt data type dictionary in that we can store key, value pair.



```python
mydata = {"ahemdabad":100,"Surata":200,"Rajkot":300}
print(mydata["Rajkot"])

mydata1 = {"Ahmedabad":100,"Surat":[200,250,1],"Rajkot":300}
print(mydata1["Surat"][1])

mydata2 = {"Ahmedaba":[{"Date":"5 Aug 2023","cases":15},
                        {"Date":"6 Aug 2023","cases":25},
                        {"Date":"7 Aug 2023","cases":35},],
            "Surat":[200,250,1],
            "Rajkot":300}
print(mydata2["Ahmedaba"][1]["Date"])
print(mydata.keys())
```

- **Requests Package**
  Install Request package using command: pip install request
  Get info about use of request package.



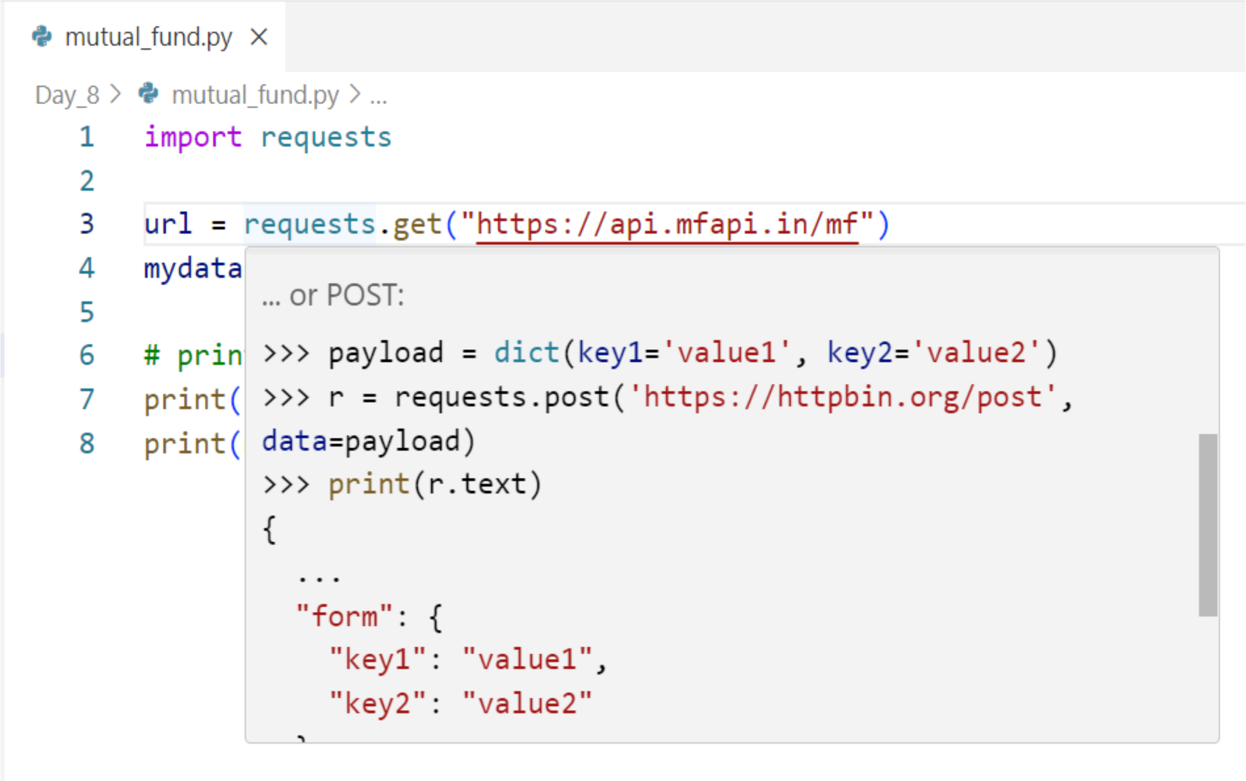
```python
import requests

url = requests.get("https://api.mfapi.in/mf")
mydata

# prin
print(
print(
```

(module) requests

Requests HTTP Library

Requests is an HTTP library, written in Python, for human beings. Basic GET usage:

```
>>> import requests
>>> r = requests.get('https://www.python.org')
>>> r.status_code
200
>>> b'Python is a programming language' in r.content
True
```

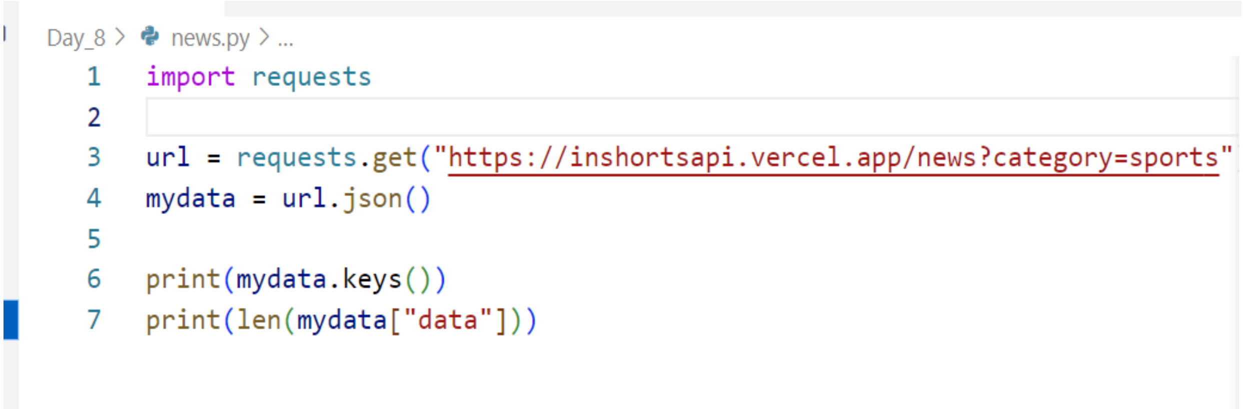


```
import requests

url = requests.get("https://api.mfapi.in/mf")
mydata

# prin
print(
print(
```

... or POST:

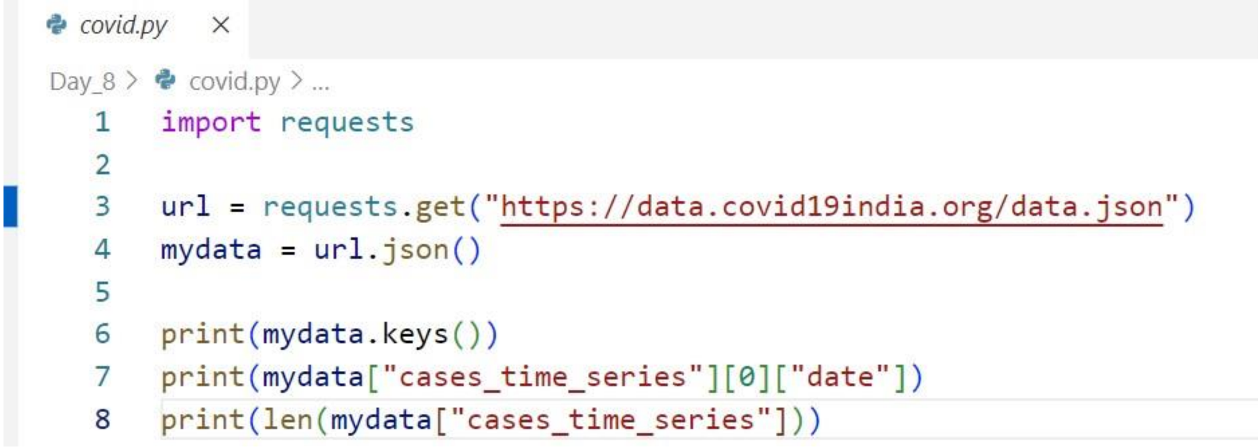
```
>>> payload = dict(key1='value1', key2='value2')
>>> r = requests.post('https://httpbin.org/post',
data=payload)
>>> print(r.text)
{
  ...
  "form": {
    "key1": "value1",
    "key2": "value2"
```

- **Concept of APIs**
  Get information about Application Programing Interface.
  Lear to fetch data from API with the help of request package.

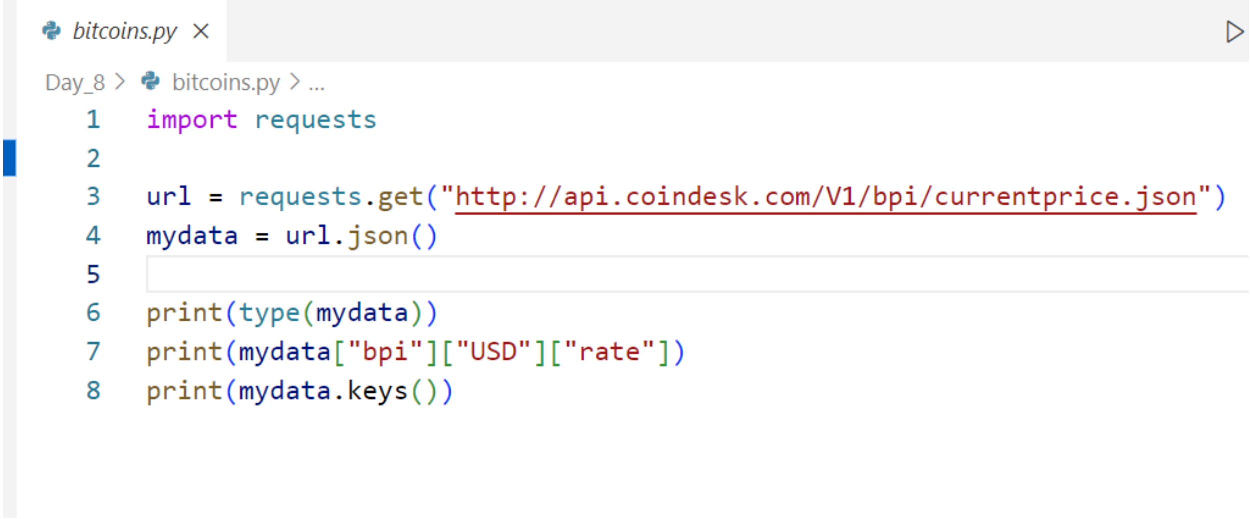


```
import requests

url = requests.get("https://inshortsapi.vercel.app/news?category=sports"
mydata = url.json()

print(mydata.keys())
print(len(mydata["data"]))
```

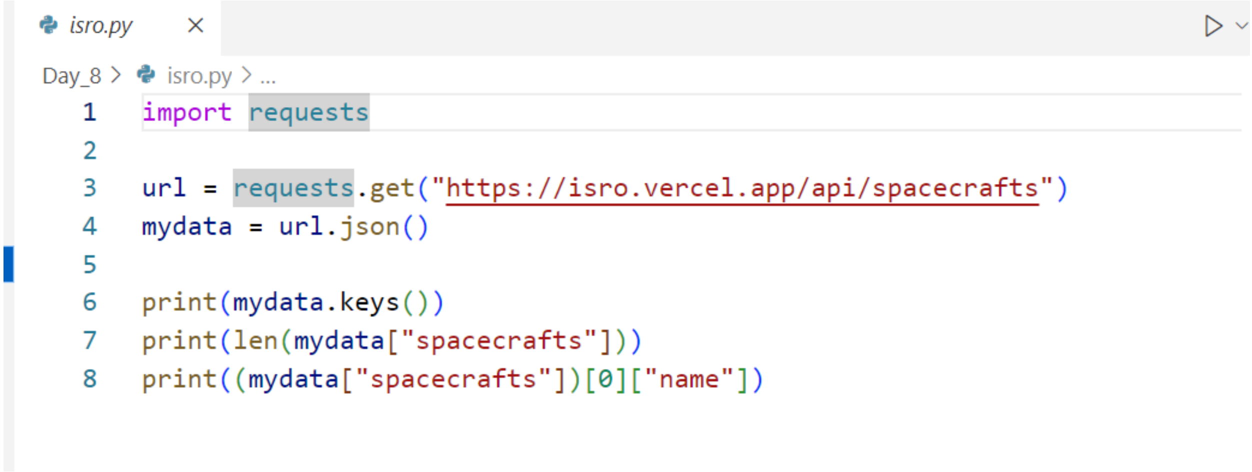
- **API: Covid, Bitcoin, ISRO etc.**
  Perform task to fetch various data from given API of Covid, Bitcoin, and ISRO’s API.



```python
import requests

url = requests.get("https://data.covid19india.org/data.json")
mydata = url.json()

print(mydata.keys())
print(mydata["cases_time_series"][0]["date"])
print(len(mydata["cases_time_series"]))
```



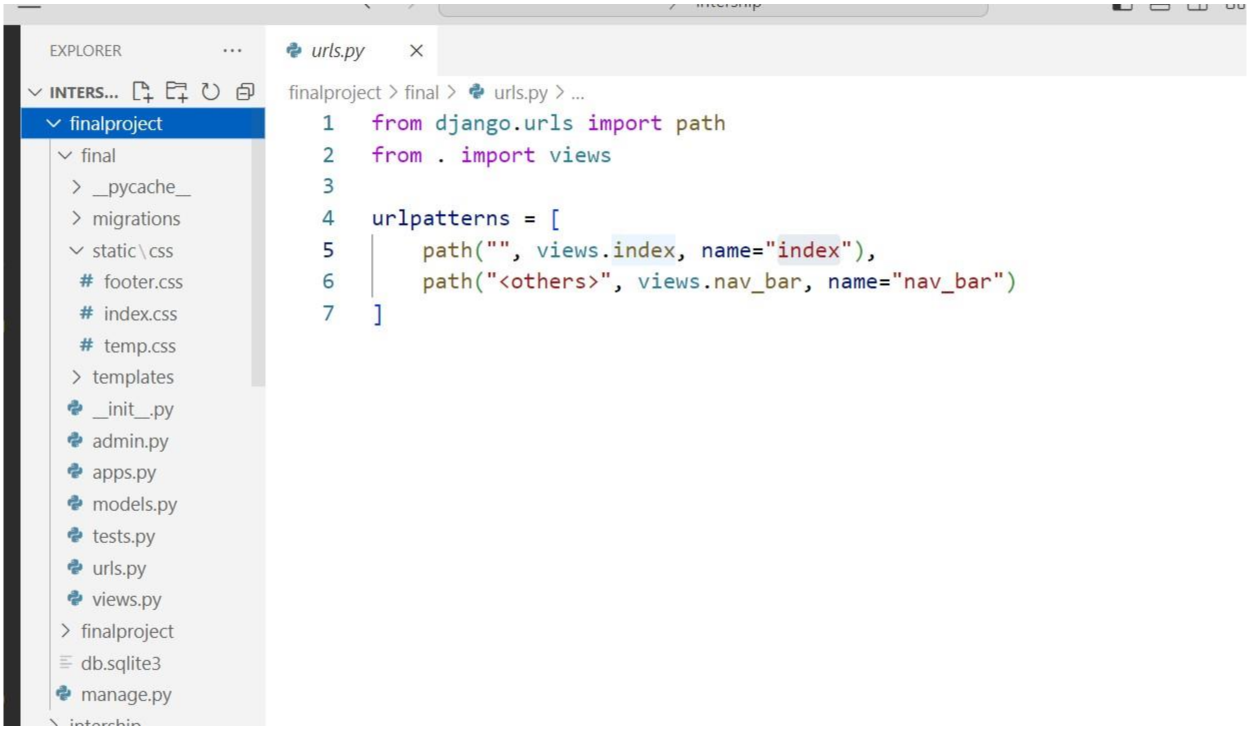
```python
import requests

url = requests.get("http://api.coindesk.com/V1/bpi/currentprice.json")
mydata = url.json()

print(type(mydata))
print(mydata["bpi"]["USD"]["rate"])
print(mydata.keys())
```



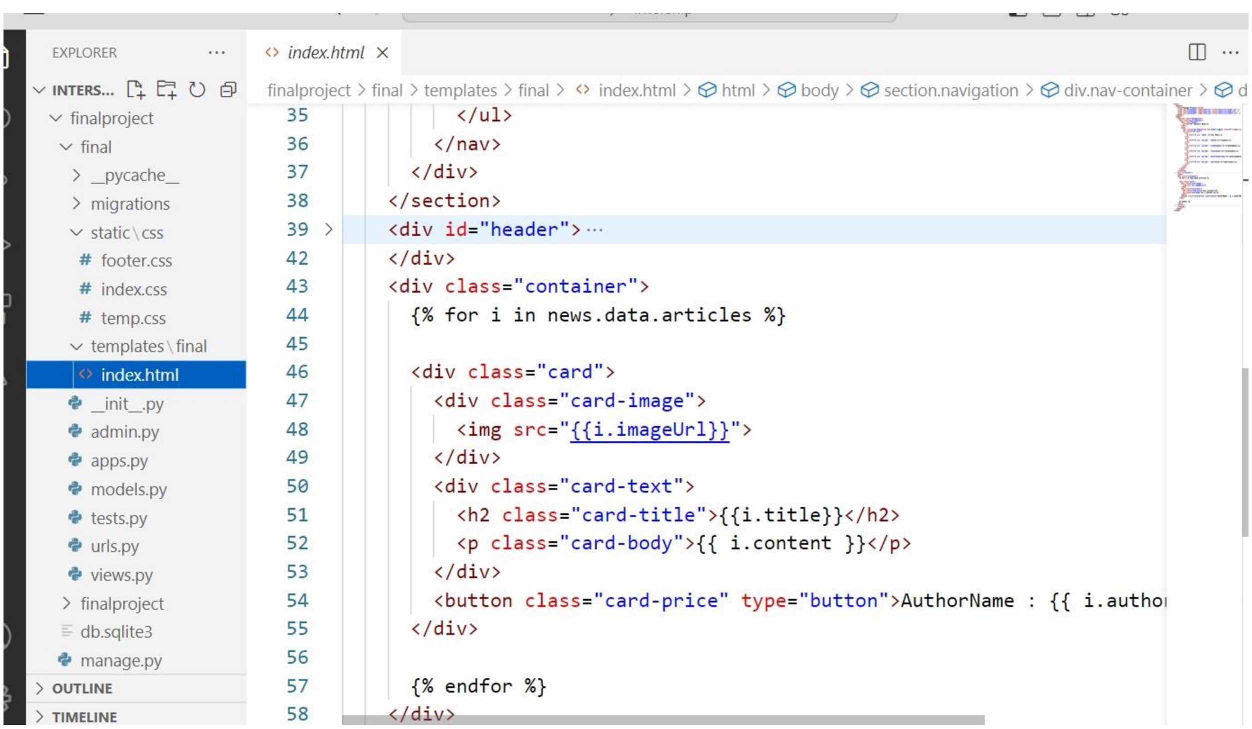
```python
import requests

url = requests.get("https://isro.vercel.app/api/spacecrafts")
mydata = url.json()

print(mydata.keys())
print(len(mydata["spacecrafts"]))
print((mydata["spacecrafts"])[0]["name"])
```

Date: 08 AUG 2023 Day 9 WEEK 2

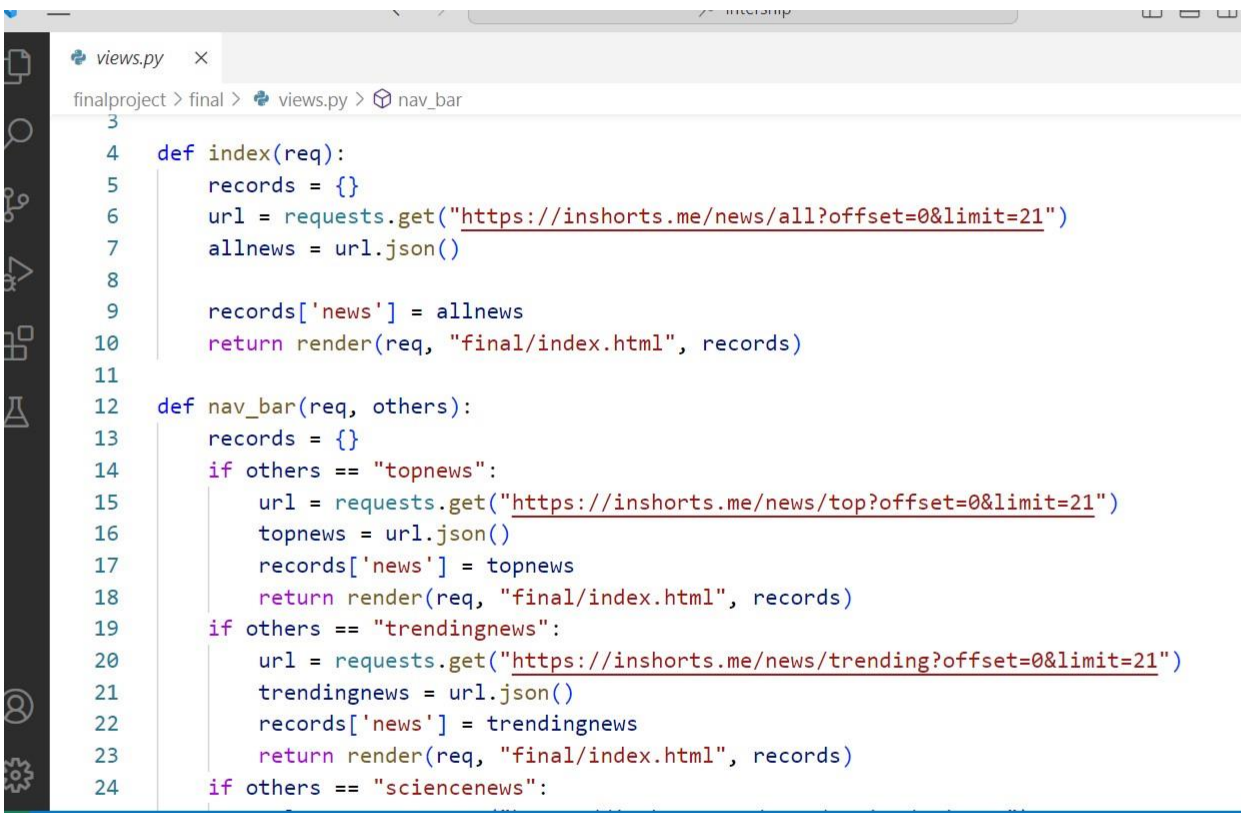
- **API Integration in Webpages using Django Framework**
  Fetch information from API and add that data into web pages



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

urlpatterns = [
    path("", views.index, name="index"),
    path("<others>", views.nav_bar, name="nav_bar")
]
```



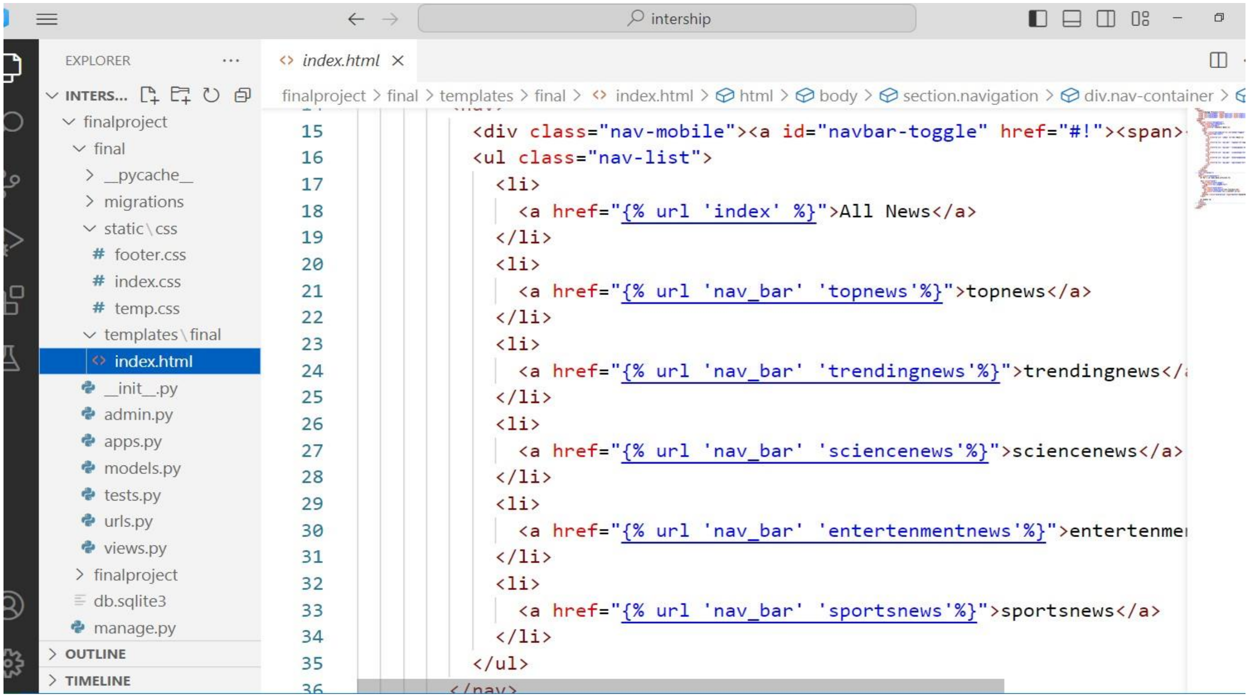
```html
      </ul>
    </nav>
  </div>
</section>
<div id="header">···
</div>
<div class="container">
  {% for i in news.data.articles %}

  <div class="card">
    <div class="card-image">
      <img src="{{i.imageUrl}}">
    </div>
    <div class="card-text">
      <h2 class="card-title">{{i.title}}</h2>
      <p class="card-body">{{ i.content }}</p>
    </div>
    <button class="card-price" type="button">AuthorName : {{ i.autho
  </div>

  {% endfor %}
</div>
```



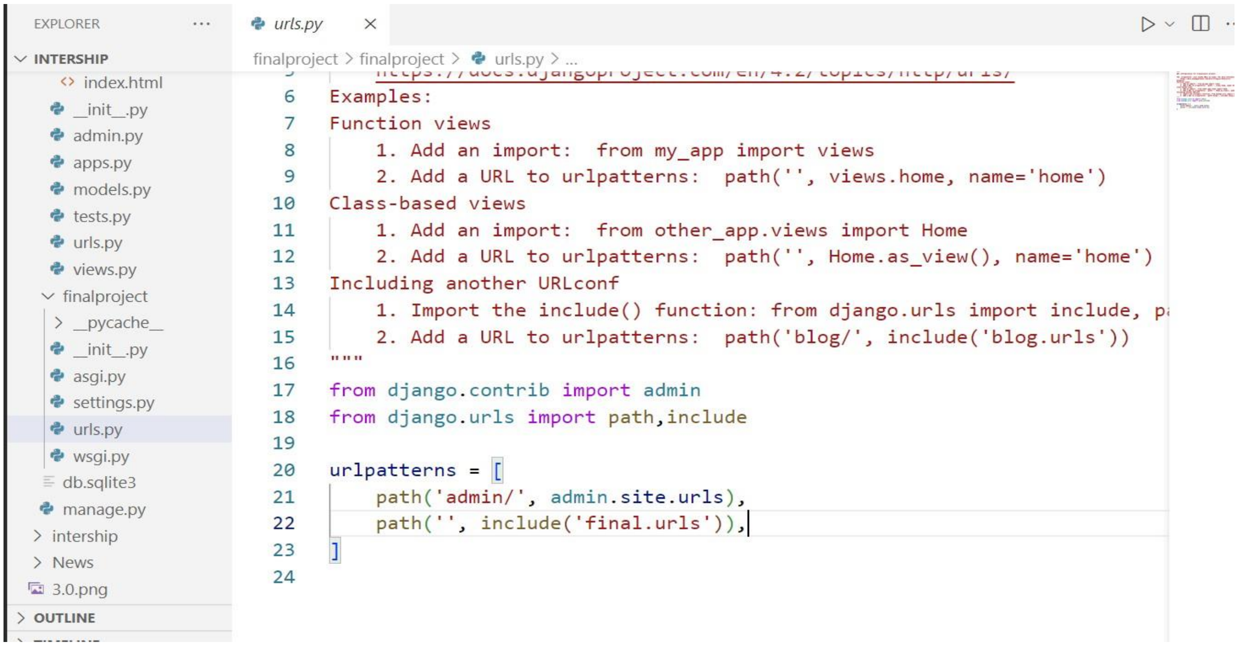
```python
def index(req):
    records = {}
    url = requests.get("https://inshorts.me/news/all?offset=0&limit=21")
    allnews = url.json()

    records['news'] = allnews
    return render(req, "final/index.html", records)

def nav_bar(req, others):
    records = {}
    if others == "topnews":
        url = requests.get("https://inshorts.me/news/top?offset=0&limit=21")
        topnews = url.json()
        records['news'] = topnews
        return render(req, "final/index.html", records)
    if others == "trendingnews":
        url = requests.get("https://inshorts.me/news/trending?offset=0&limit=21")
        trendingnews = url.json()
        records['news'] = trendingnews
        return render(req, "final/index.html", records)
    if others == "sciencenews":
```

Date: 09 AUG 2023 Day 10 WEEK 2

- **Assignment project task**
  Give an Assignment to create project on given API. Which contain multiple pages.
  All pages have use static files like css, bootstraps, images etc.
  Also use Routine Concept for visit all pages from nav-bar.

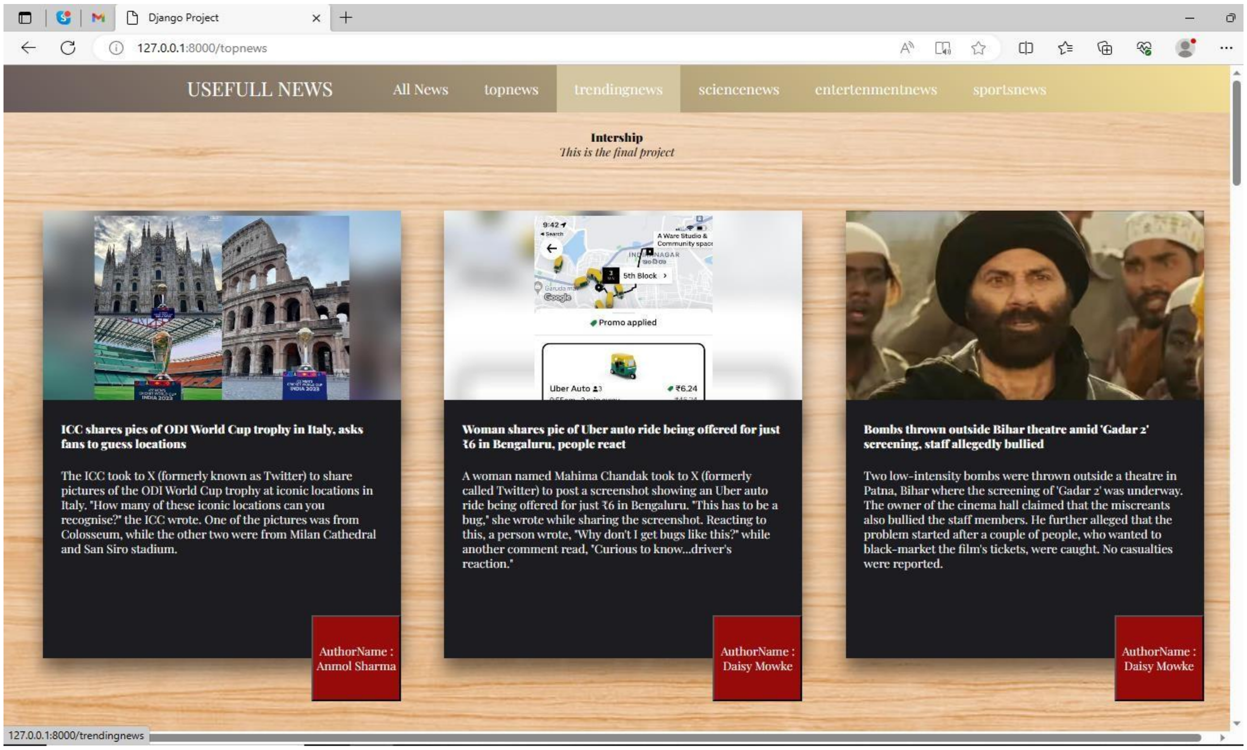


```
      <div class="nav-mobile"><a id="navbar-toggle" href="#!"><span>
      <ul class="nav-list">
        <li>
          <a href="{% url 'index' %}">All News</a>
        </li>
        <li>
          <a href="{% url 'nav_bar' 'topnews'%}">topnews</a>
        </li>
        <li>
          <a href="{% url 'nav_bar' 'trendingnews'%}">trendingnews</
        </li>
        <li>
          <a href="{% url 'nav_bar' 'sciencenews'%}">sciencenews</a>
        </li>
        <li>
          <a href="{% url 'nav_bar' 'entertenmentnews'%}">entertenme
        </li>
        <li>
          <a href="{% url 'nav_bar' 'sportsnews'%}">sportsnews</a>
        </li>
      </ul>
    </nav>
```



```
    https://docs.djangoproject.com/en/4.2/topics/http/urls/
Examples:
Function views
    1. Add an import:  from my_app import views
    2. Add a URL to urlpatterns:  path('', views.home, name='home')
Class-based views
    1. Add an import:  from other_app.views import Home
    2. Add a URL to urlpatterns:  path('', Home.as_view(), name='home')
Including another URLconf
    1. Import the include() function: from django.urls import include, p
    2. Add a URL to urlpatterns:  path('blog/', include('blog.urls'))
"""
from django.contrib import admin
from django.urls import path,include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('final.urls')),
]

```

- **Project : Real time news website using in shorts API**
  Create Project As per Given Assignment by over self.
  Here I attach final Output of that project.



Intership
This is the final project

ICC shares pics of ODI World Cup trophy in Italy, asks fans to guess locations

The ICC took to X (formerly known as Twitter) to share pictures of the ODI World Cup trophy at iconic locations in Italy. "How many of these iconic locations can you recognise?" the ICC wrote. One of the pictures was from Colosseum, while the other two were from Milan Cathedral and San Siro stadium.

AuthorName : Anmol Sharma

Woman shares pic of Uber auto ride being offered for just ₹6 in Bengaluru, people react

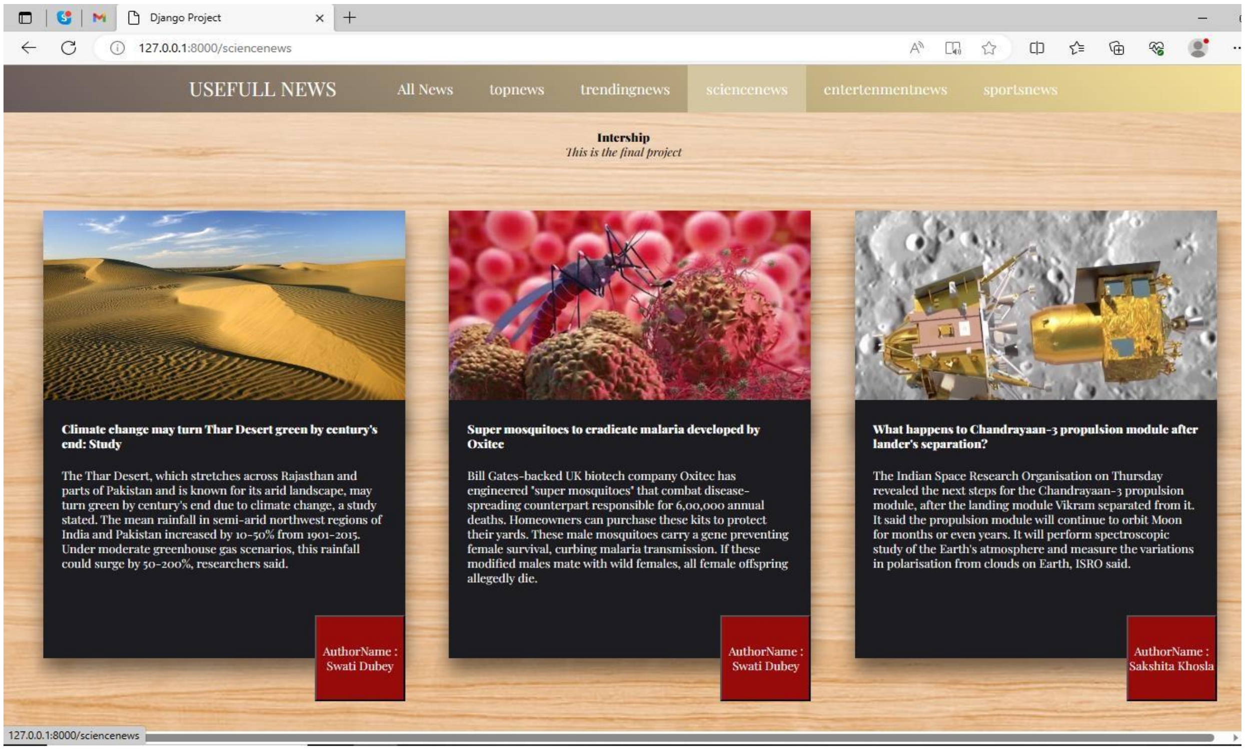
A woman named Mahima Chandak took to X (formerly called Twitter) to post a screenshot showing an Uber auto ride being offered for just ₹6 in Bengaluru. "This has to be a bug," she wrote while sharing the screenshot. Reacting to this, a person wrote, "Why don't I get bugs like this?" while another comment read, "Curious to know...driver's reaction."

AuthorName : Daisy Mowke

Bombs thrown outside Bihar theatre amid 'Gadar 2' screening, staff allegedly bullied

Two low-intensity bombs were thrown outside a theatre in Patna, Bihar where the screening of 'Gadar 2' was underway. The owner of the cinema hall claimed that the miscreants also bullied the staff members. He further alleged that the problem started after a couple of people, who wanted to black-market the film's tickets, were caught. No casualties were reported.

AuthorName : Daisy Mowke



Intership
This is the final project

Climate change may turn Thar Desert green by century's end: Study

The Thar Desert, which stretches across Rajasthan and parts of Pakistan and is known for its arid landscape, may turn green by century's end due to climate change, a study stated. The mean rainfall in semi-arid northwest regions of India and Pakistan increased by 10-50% from 1901-2015. Under moderate greenhouse gas scenarios, this rainfall could surge by 50-200%, researchers said.

AuthorName : Swati Dubey

Super mosquitoes to eradicate malaria developed by Oxitec

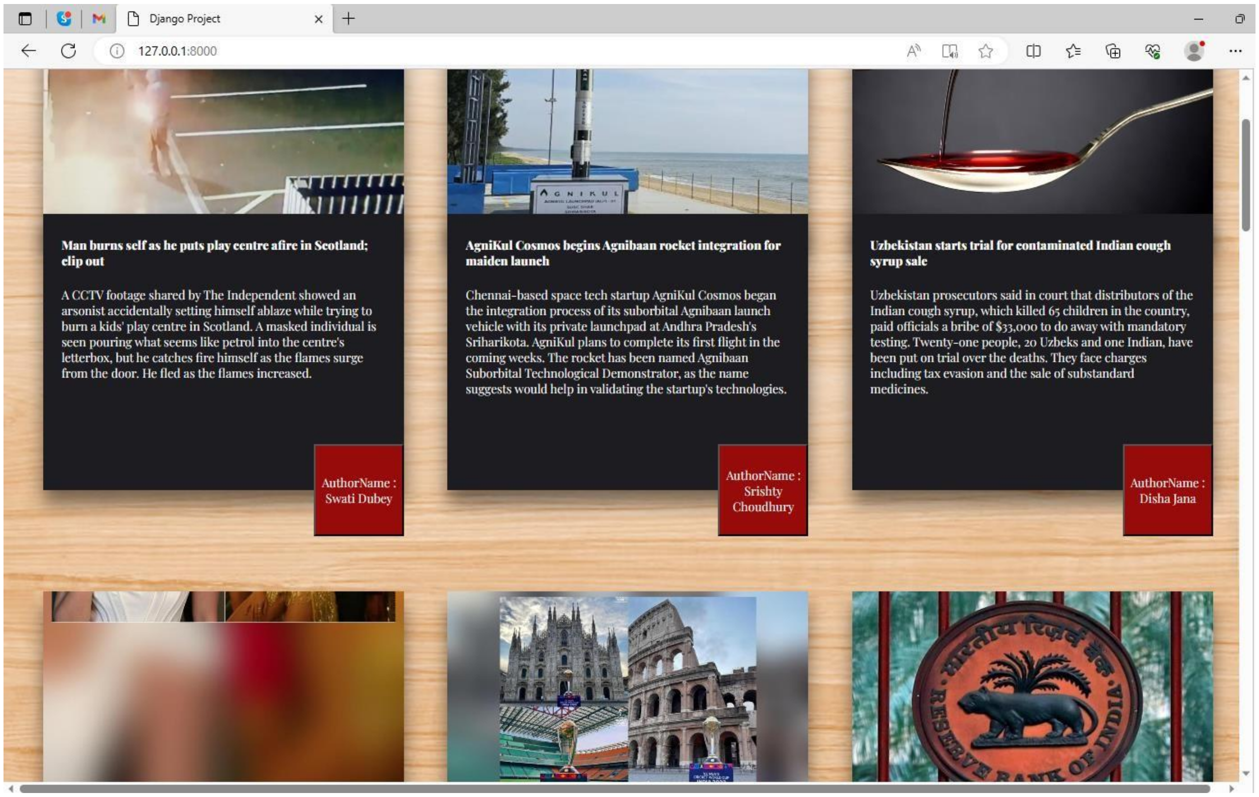
Bill Gates-backed UK biotech company Oxitec has engineered 'super mosquitoes' that combat disease-spreading counterpart responsible for 6,00,000 annual deaths. Homeowners can purchase these kits to protect their yards. These male mosquitoes carry a gene preventing female survival, curbing malaria transmission. If these modified males mate with wild females, all female offspring allegedly die.

AuthorName : Swati Dubey

What happens to Chandrayaan-3 propulsion module after lander's separation?

The Indian Space Research Organisation on Thursday revealed the next steps for the Chandrayaan-3 propulsion module, after the landing module Vikram separated from it. It said the propulsion module will continue to orbit Moon for months or even years. It will perform spectroscopic study of the Earth's atmosphere and measure the variations in polarisation from clouds on Earth, ISRO said.

AuthorName : Sakshita Khosla



Man burns self as he puts play centre afire in Scotland; clip out

A CCTV footage shared by The Independent showed an arsonist accidentally setting himself ablaze while trying to burn a kids' play centre in Scotland. A masked individual is seen pouring what seems like petrol into the centre's letterbox, but he catches fire himself as the flames surge from the door. He fled as the flames increased.

AuthorName : Swati Dubey

AgniKul Cosmos begins Agnibaan rocket integration for maiden launch

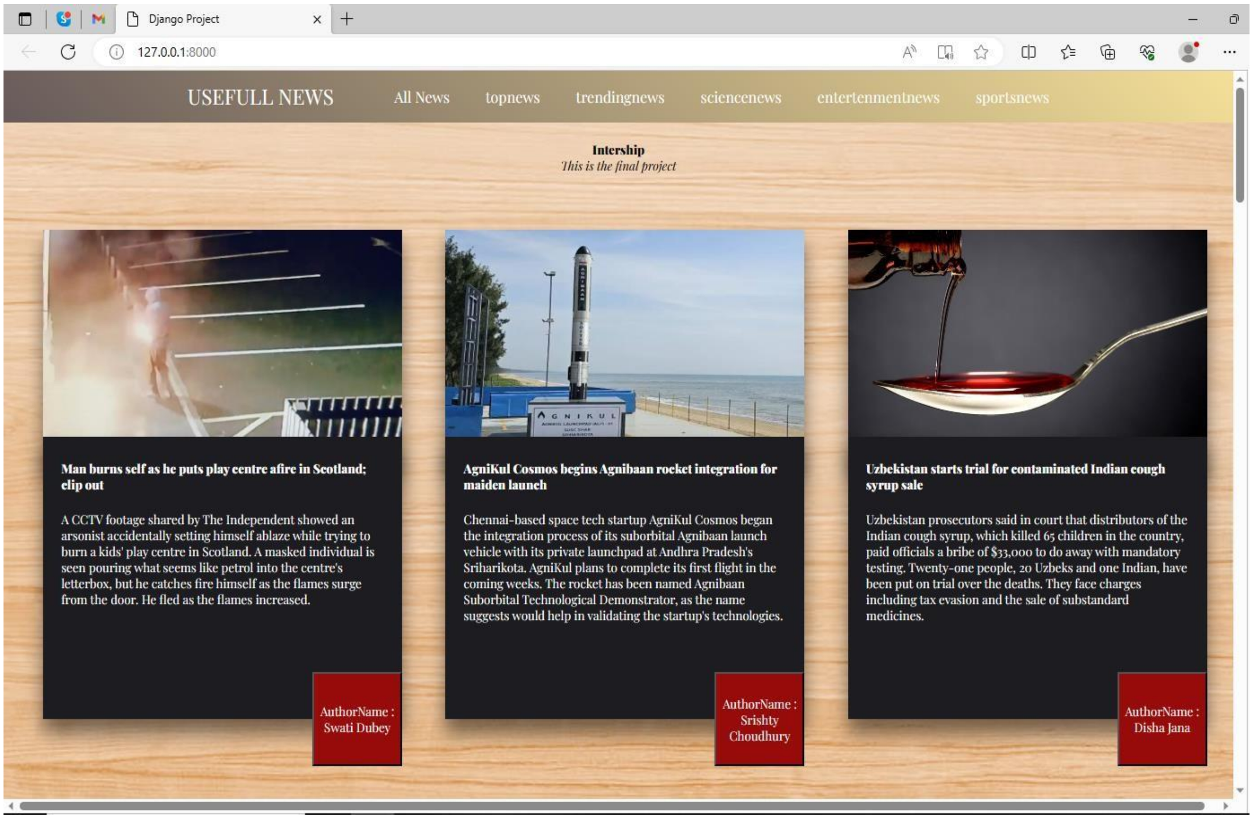
Chennai-based space tech startup AgniKul Cosmos began the integration process of its suborbital Agnibaan launch vehicle with its private launchpad at Andhra Pradesh's Sriharikota. AgniKul plans to complete its first flight in the coming weeks. The rocket has been named Agnibaan Suborbital Technological Demonstrator, as the name suggests would help in validating the startup's technologies.

AuthorName : Srishty Choudhury

Uzbekistan starts trial for contaminated Indian cough syrup sale

Uzbekistan prosecutors said in court that distributors of the Indian cough syrup, which killed 65 children in the country, paid officials a bribe of $33,000 to do away with mandatory testing. Twenty-one people, 20 Uzbeks and one Indian, have been put on trial over the deaths. They face charges including tax evasion and the sale of substandard medicines.

AuthorName : Disha Jana



Intership

This is the final project

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AuthorName : Disha Jana

Date: 10 AUG 2023 Day 11 WEEK 2

- **Project Revision**
  At last gives Solution if any in final Project.
  Also revise all the topics from starting.

- **Conclusion**
  In conclusion, I thank my instructor. I really appreciate the way I have been guided through this internship program. Beginning from the opportunity I got as an intern in infolabz. I give time to this internship program is really useful for me to expand my knowledge in several task in company, learn and adding values.
  I finally earned the confidence to deal with difficulties in assignments by myself. It is through them that I can’t wait to start a life of work in any place at my own,
  In short:
  I now appreciate more what the different between college learning and then actually apply knowledge in work place at company.
  I have acquired knowledge and additional practical experiences.