Main.py

*# This is a sample Python script.  
  
# Press Shift+F10 to execute it or replace it with your code.  
# Press Double Shift to search everywhere for classes, files, tool windows, actions, and settings.*def print\_hi(name):  
 *# Use a breakpoint in the code line below to debug your script.* print(**f'Hi,** {name}**'**) *# Press Ctrl+F8 to toggle the breakpoint.  
  
  
# Press the green button in the gutter to run the script.*if \_\_name\_\_ == **'\_\_main\_\_'**:  
 print\_hi(**'PyCharm'**)  
  
*# See PyCharm help at https://www.jetbrains.com/help/pycharm/*

Index,html

<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8">  
 <title>BREAKING NEWS</title>  
 <link href="bootstrap.min.css" rel="stylesheet" type="text/css">  
</head>  
<body>  
  
<div class="jumbotron" style="color:black">  
  
 <hl style="color:black">  
 This is the latest news.  
 </hl>  
  
</div>  
  
<div class="container">  
 {% for new, des, i in mylist %}  
 <img src="{{i}}" alt="">  
 <h3>News:</h3> {{new}}  
 {{value | linebreaks}}  
  
 <h4>Description:</h4> {{des}}s  
 {{value | linebreaks}}  
  
 {% endfor %}  
  
</div>  
  
  
</body>  
</html>

Settings.py

*"""  
Django settings for News project.  
  
Generated by 'django-admin startproject' using Django 3.1.3.  
  
For more information on this file, see  
https://docs.djangoproject.com/en/3.1/topics/settings/  
  
For the full list of settings and their values, see  
https://docs.djangoproject.com/en/3.1/ref/settings/  
"""*from pathlib import Path  
  
*# Build paths inside the project like this: BASE\_DIR / 'subdir'.*BASE\_DIR = Path(\_\_file\_\_).resolve().parent.parent  
  
  
*# Quick-start development settings - unsuitable for production  
# See https://docs.djangoproject.com/en/3.1/howto/deployment/checklist/  
  
# SECURITY WARNING: keep the secret key used in production secret!*SECRET\_KEY = **'^fi1&r$b#d\*i6#4(=1j$sp-9y)&mc)ksa$gj&\_-$$#$zhm%18y'***# SECURITY WARNING: don't run with debug turned on in production!*DEBUG = True  
  
ALLOWED\_HOSTS = []  
  
  
*# Application definition*INSTALLED\_APPS = [  
 **'NewsApp'**,  
 **'django.contrib.admin'**,  
 **'django.contrib.auth'**,  
 **'django.contrib.contenttypes'**,  
 **'django.contrib.sessions'**,  
 **'django.contrib.messages'**,  
 **'django.contrib.staticfiles'**,  
]  
  
MIDDLEWARE = [  
 **'django.middleware.security.SecurityMiddleware'**,  
 **'django.contrib.sessions.middleware.SessionMiddleware'**,  
 **'django.middleware.common.CommonMiddleware'**,  
 **'django.middleware.csrf.CsrfViewMiddleware'**,  
 **'django.contrib.auth.middleware.AuthenticationMiddleware'**,  
 **'django.contrib.messages.middleware.MessageMiddleware'**,  
 **'django.middleware.clickjacking.XFrameOptionsMiddleware'**,  
]  
  
ROOT\_URLCONF = **'News.urls'**TEMPLATES = [  
 {  
 **'BACKEND'**: **'django.template.backends.django.DjangoTemplates'**,  
 **'DIRS'**: [**"templates"**],  
 **'APP\_DIRS'**: True,  
 **'OPTIONS'**: {  
 **'context\_processors'**: [  
 **'django.template.context\_processors.debug'**,  
 **'django.template.context\_processors.request'**,  
 **'django.contrib.auth.context\_processors.auth'**,  
 **'django.contrib.messages.context\_processors.messages'**,  
 ],  
 },  
 },  
]  
  
WSGI\_APPLICATION = **'News.wsgi.application'***# Database  
# https://docs.djangoproject.com/en/3.1/ref/settings/#databases*DATABASES = {  
 **'default'**: {  
 **'ENGINE'**: **'django.db.backends.sqlite3'**,  
 **'NAME'**: BASE\_DIR / **'db.sqlite3'**,  
 }  
}  
  
  
*# Password validation  
# https://docs.djangoproject.com/en/3.1/ref/settings/#auth-password-validators*AUTH\_PASSWORD\_VALIDATORS = [  
 {  
 **'NAME'**: **'django.contrib.auth.password\_validation.UserAttributeSimilarityValidator'**,  
 },  
 {  
 **'NAME'**: **'django.contrib.auth.password\_validation.MinimumLengthValidator'**,  
 },  
 {  
 **'NAME'**: **'django.contrib.auth.password\_validation.CommonPasswordValidator'**,  
 },  
 {  
 **'NAME'**: **'django.contrib.auth.password\_validation.NumericPasswordValidator'**,  
 },  
]  
  
  
*# Internationalization  
# https://docs.djangoproject.com/en/3.1/topics/i18n/*LANGUAGE\_CODE = **'en-us'**TIME\_ZONE = **'UTC'**USE\_I18N = True  
  
USE\_L10N = True  
  
USE\_TZ = True  
  
  
*# Static files (CSS, JavaScript, Images)  
# https://docs.djangoproject.com/en/3.1/howto/static-files/*STATIC\_URL = **'/static/'**

Views.py

import newsapi  
from django.shortcuts import render  
from newsapi import NewsApiClient  
  
*# Create your views here.*def Index(request):  
 newsapi = NewsApiClient(api\_key=**"19c6501cce4b437db6094add5dc5025a"**)  
 topheadlines = newsapi.get\_top\_headlines(sources=**"the-times-of-india"**)  
  
 articles = topheadlines[**'articles'**]  
 desc = []  
 news = []  
 img = []  
  
 for i in range(len(articles)):  
 myarticles = articles[i]  
  
 news.append(myarticles[**'title'**])  
 desc.append(myarticles[**'description'**])  
 img.append(myarticles[**'urlToImage'**])  
  
 mylist = zip(news, desc, img)  
  
 return render(request, **'index.html'**, context={**"mylist"**:mylist})

news/urls.py

from django.contrib import admin  
from django.urls import path, include  
  
urlpatterns = [  
 path(**'admin/'**, admin.site.urls),  
 path(**''**, include(**'NewsApp.urls'**))  
]

NewsApp/urls.py

from django.urls import path  
from .views import Index  
  
urlpatterns = [  
 path(**''**, Index, name = **'Index'**)