

## first step

The image shows a Visual Studio Code editor window with a file explorer on the left and a terminal at the bottom. The file explorer shows a project named 'LR7' with a subdirectory 'mysite' containing 'manage.py', 'Pipfile', and 'Pipfile.lock'. The 'Pipfile' is open in the editor, showing the following content:

```
[[source]]
url = "https://pypi.org/simple"
verify_ssl = true
name = "pypi"

[packages]
django = "*"

[dev-packages]

[requires]
python_version = "3.9"
```

The terminal window shows the output of running 'pipenv run' and 'django-admin startproject mysite'. The output indicates that the dependencies were installed successfully and that the virtual environment is now active. The terminal also shows the command 'django-admin startproject mysite' being executed.

Below the Visual Studio Code window, a web browser window is open, displaying the Django 4.0 installation success page. The page features a rocket icon and the text: 'The install worked successfully! Congratulations!'. It also mentions that the user is seeing this page because 'DEBUG=True' is in their settings file and they have not configured any URLs. At the bottom of the page, there are links to 'Django Documentation', 'Tutorial: A Polling App', and 'Django Community'.

```

PS D:\Study\sem7\Prog\lr7> django-admin startproject mysite
PS D:\Study\sem7\Prog\lr7> cd mysite
PS D:\Study\sem7\Prog\lr7\mysite> python manage.py runserver localhost:8080
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, session
5.
Run 'python manage.py migrate' to apply them.
December 10, 2021 - 23:40:33
Django version 4.0, using settings 'mysite.settings'
Starting development server at http://localhost:8080/
Quit the server with CTRL-BREAK.
[10/Dec/2021 23:40:41] "GET / HTTP/1.1" 200 10697
Not Found: /favicon.ico
[10/Dec/2021 23:40:41] "GET /favicon.ico HTTP/1.1" 404 2110
[10/Dec/2021 23:40:42] "GET /static/admin/css/fonts.css HTTP/1.1" 200 423
[10/Dec/2021 23:40:42] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 200 85692
[10/Dec/2021 23:40:42] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 200 85876
Not Found: /favicon.ico
[10/Dec/2021 23:40:42] "GET /favicon.ico HTTP/1.1" 404 2110
[10/Dec/2021 23:40:42] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 200 86184
Not Found: /favicon.ico
[10/Dec/2021 23:40:43] "GET /favicon.ico HTTP/1.1" 404 2110

```

The screenshot shows the Visual Studio Code interface with the Explorer pane on the left displaying the project structure. The main editor shows the `admin.py` file with the following content:

```

1 from django.contrib import admin
2
3 # Register your models here.
4

```

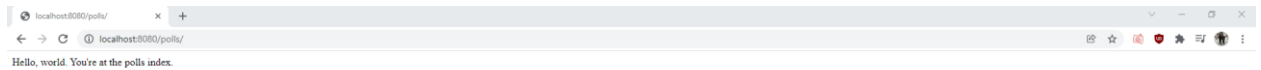
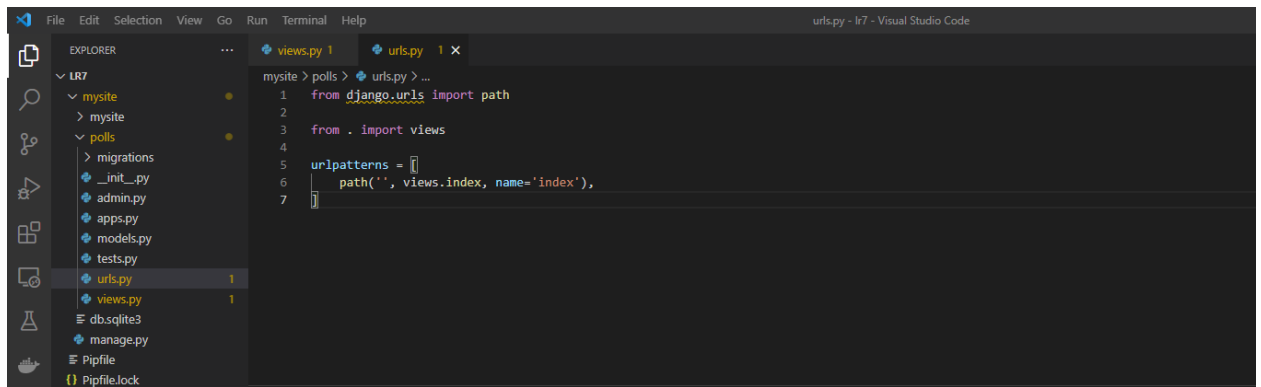
The terminal pane at the bottom shows the output of the Django development server, including the system checks, the unapplied migrations message, and the server logs for the first few requests.

The screenshot shows the Visual Studio Code interface with the Explorer pane on the left displaying the project structure. The main editor shows the `views.py` file with the following content:

```

1 from django.http import HttpResponse
2
3
4 def index(request):
5     return HttpResponse("Hello, world. You're at the polls index.")

```



part 2

