Part 1 : Django web development framework

task 1 : I already downloaded befor the lab

task 2 :

```
C:\Users\PCD\Desktop\Djangoo>my_venv\Scripts\activate

(my_venv) C:\Users\PCD\Desktop\Djangoo>django-admin --version
5.1.1

(my_venv) C:\Users\PCD\Desktop\Djangoo>django-admin startproject libraryproject

(my_venv) C:\Users\PCD\Desktop\Djangoo>
```

الاسم	تاريخ التعديل	النوع	الحجم
libraryproject	٤٦:٠٣/٠٤ م ٠٥:٤٦	مجلد ملفات	
MyLabs	٤٦:٠٣/٠٤ م ٠٦:٥٨	مجلد ملفات	
.gitignore	٤٦:٠٣/٠٤ م ٠٦:٥٩	مستند نص	١ كيلوبايت
db.sqlite3	٤٦:٠٣/٠٤ م ٠٥:٤٦	ملف SQLITE3	٠ كيلوبايت
manage	٤٦:٠٣/٠٤ م ٠٥:٠٨	Python File	١ كيلوبايت

```
(my_venv) C:\Users\PCD\Desktop\Djangoo\libraryproject>python manage.py runserver
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, sessions.
Run 'python manage.py migrate' to apply them.
September 07, 2024 - 17:14:35
Django version 5.1.1, using settings 'libraryproject.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.

[07/Sep/2024 17:14:53] "GET / HTTP/1.1" 200 12068
Not Found: /favicon.ico
[07/Sep/2024 17:14:53] "GET /favicon.ico HTTP/1.1" 404 2216
```

task 3 :

هذا الكمبيوتر الشخصي › سطح المكتب › Djangoo › my_app ›

الاسم	تاريخ التعديل
db.sqlite3	٤٦/٠٣/٠١ م ٠٣:٠٣
manage	٤٦/٠٣/٠١ م ٠٣:٠٦
usermodule	٤٦/٠٣/٠٤ م ٠٥:٣٤
bookmodule	٤٦/٠٣/٠٤ م ٠٥:٣٣
my_app	٤٦/٠٣/٠١ م ٠٣:٠٣

①
```
C:\Users\PCD\Desktop\Djangoo> my_venv\Scripts\activate

(my_venv) C:\Users\PCD\Desktop\Djangoo>cd my_app

(my_venv) C:\Users\PCD\Desktop\Djangoo\my_app>manage.py startapp bookmodule

(my_venv) C:\Users\PCD\Desktop\Djangoo\my_app>manage.py startapp usermodule

(my_venv) C:\Users\PCD\Desktop\Djangoo\my_app>
```

②
```
(my_venv) C:\Users\PCD\Desktop\Djangoo\my_app\bookmodule>notepad apps.py

(my_venv) C:\Users\PCD\Desktop\Djangoo\my_app\bookmodule> type apps.py
from django.apps import AppConfig


class BookmoduleConfig(AppConfig):
    default_auto_field = 'django.db.models.BigAutoField'
    name = 'apps.bookmodule'
```

```
(my_venv) C:\Users\PCD\Desktop\Djangoo\my_app\bookmodule>notepad apps.py

(my_venv) C:\Users\PCD\Desktop\Djangoo\my_app\bookmodule> type apps.py
from django.apps import AppConfig


class BookmoduleConfig(AppConfig):
    default_auto_field = 'django.db.models.BigAutoField'
    name = 'apps.bookmodule'
```
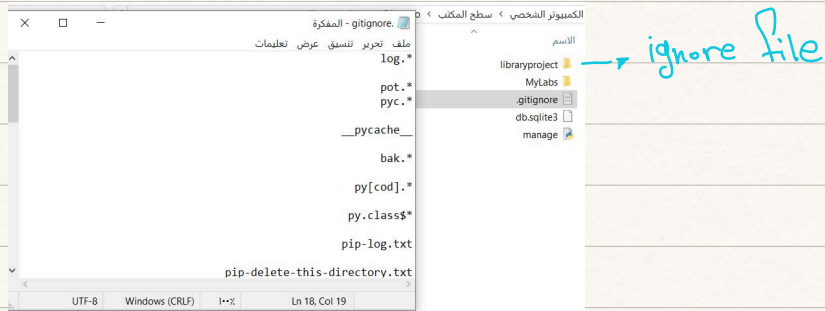
```
(my_venv) C:\Users\PCD\Desktop\Djangoo\my_app> python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until yo
tenttypes, sessions.
Run 'python manage.py migrate' to apply them.
September 07, 2024 - 17:52:37
Django version 5.1.1, using settings 'my_app.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

it works correctly

Part 1 ✓

Part 2 : Git System and connect your online repo with a local repo

task 1 : I used git init command

Notepad window showing .gitignore file content:
```
log.*
pot.*
pyc.*
__pycache__
bak.*
py[cod].*
py.class$*
pip-log.txt
pip-delete-this-directory.txt
```

File explorer showing:
- libraryproject
- MyLabs
- .gitignore → ignore file
- db.sqlite3
- manage

task 2 :

```
C:\Users\PCD\Desktop\Djangoo\libraryproject> git config user.name "randa-abdullah"

C:\Users\PCD\Desktop\Djangoo\libraryproject> git config user.email "i2rnda@gmail.com"

C:\Users\PCD\Desktop\Djangoo\libraryproject>git@github.com:randa-abdullah/MyLabs.git git clone
The filename, directory name, or volume label syntax is incorrect.

C:\Users\PCD\Desktop\Djangoo\libraryproject> git clone git@github.com:randa-abdullah/MyLabs.git
Cloning into 'MyLabs'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (6/6), 258.62 KiB | 83.00 KiB/s, done.
```

```
C:\Users\PCD\Desktop\Djangoo\libraryproject> git status
On branch master
nothing to commit, working tree clean

C:\Users\PCD\Desktop\Djangoo\libraryproject>
```

GitHub repository view:
MyLabs Public

master | 2 Branches | 0 Tags | Go to

This branch is 2 commits ahead of, 2 commits behind main.

randa-abdullah Add initial project files

MyLabs	Add initial project files
libraryproject	Add initial project files
.gitignore	Add .gitignore file
db.sqlite3	Add initial project files
manage.py	Add initial project files