&& CREATE A DJANGO PROJECTS AND INSIDE IT CREATE A DJANGO APP AND (WRITE DIFF B/W APP AND PROJECT IN DJANGO)

**CREATE DJANGO PROJECT AND RUN DJANGO PROJECT**

C:\Users\user>d:

D:\>cd django\_projects

D:\django\_projects>cd venv

D:\django\_projects\venv>cd scripts

D:\django\_projects\venv\Scripts>activate

(venv) D:\django\_projects\venv\Scripts>cd..

(venv) D:\django\_projects\venv>cd..

(venv) D:\django\_projects>cd test\_project

(venv) D:\django\_projects\test\_project>py 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.

April 19, 2023 - 14:35:00

Django version 4.2, using settings 'test\_project.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

[19/Apr/2023 14:35:31] "GET / HTTP/1.1" 200 1797

[19/Apr/2023 14:35:32] "GET /favicon.ico HTTP/1.1" 200 458

(venv) D:\django\_projects\test\_project>cd dbioproject

The system cannot find the path specified.

(venv) D:\django\_projects\test\_project>dir

Volume in drive D has no label.

Volume Serial Number is 1E3E-340A

Directory of D:\django\_projects\test\_project

04/07/2023 06:20 PM <DIR> .

04/07/2023 06:20 PM <DIR> ..

04/06/2023 02:38 PM 0 db.sqlite3

04/06/2023 02:38 PM 690 manage.py

04/08/2023 03:16 PM <DIR> templates

04/07/2023 06:22 PM <DIR> test\_project

2 File(s) 690 bytes

4 Dir(s) 339,265,568,768 bytes free

(venv) D:\django\_projects\test\_project>cd..

(venv) D:\django\_projects>dir

Volume in drive D has no label.

Volume Serial Number is 1E3E-340A

Directory of D:\django\_projects

04/13/2023 02:12 PM <DIR> .

04/13/2023 02:12 PM <DIR> ..

04/18/2023 03:58 PM <DIR> dbiotproject

04/07/2023 06:20 PM <DIR> test\_project

04/06/2023 02:30 PM <DIR> venv

0 File(s) 0 bytes

5 Dir(s) 339,265,568,768 bytes free

(venv) D:\django\_projects>cd test\_project

(venv) D:\django\_projects\test\_project>activate

## CREATE DJANGO APP

py manage.py startapp members

AND CREATE A DJANGO PROJECT test\_project and run a website on django server

**Diff b/w django app and django project ::**

***$ cd # Change directory to home directory***

***$ python3 -m venv .venv***

***$ source .venv/bin/activate***

***# NOW INSTALL DJANGO 3.2***

***$ python -m pip install -U pip 'django==3.2.\*'***

***$ mkdir django-gunicorn-nginx/***

***$ django-admin startproject project django-gunicorn-nginx/***

***$ cd django-gunicorn-nginx/***

***$ django-admin startapp myapp***

***$ python manage.py migrate***

***$ mkdir -pv myapp/templates/myapp/***

***CREATE A DJANGO APP ::***

/home/ubuntu/

│ \

├── django-gunicorn-nginx/ | CONTAINER

│ │ /

│ │

│ ├── myapp/ \

│ │ ├── admin.py |

│ │ ├── apps.py |

│ │ ├── \_\_init\_\_.py |

│ │ ├── migrations/ | APP 1.

│ │ ├── models.py |

│ │ ├── templates/ |

│ │ ├── tests.py |

│ │ └── views.py /

│ │

│ ├── another\_app/ \

│ │ ├── \_\_init\_\_.py | APP 2.

│ │ └── ... /

. .

│ ├── one\_of\_many\_app/ \

│ │ ├── \_\_init\_\_.py | APP n.

│ │ └── ... /

│ │

│ ├── project/ \

│ │ ├── asgi.py |

│ │ ├── \_\_init\_\_.py |

│ │ ├── settings.py | PROJECT

│ │ ├── urls.py | CONFIGS

│ │ └── wsgi.py | &

| | | CONTROLS

│ ├── db.sqlite3 |

│ └── manage.py /

│

└── .venv/ ← Virtual environment