

# Learn django [day 1]

## intro:

Its a web framework ;make dynamic web sites ; u can make a project have multiple apps & services

## Notes:

1. Install :

```
pip3 install Django
```

2. create django project:

```
django-admin startproject PROJECT_NAME
```

**its create a directory named PROJECT\_NAME contain :**

```
├── PROJECT_NAME
│   ├── PROJECT_NAME
│   │   ├── asgi.py
│   │   ├── __init__.py
│   │   ├── settings.py
│   │   ├── urls.py
│   │   └── wsgi.py
│   └── manage.py
```

3. Run the server

```
cd PROJECT_NAME && python3 manage.py runserver
```

then u browser <http://127.0.0.1:8000/> url and u get the default django page

4. create django app

```
python3 manage.py startapp APP_NAME
```

*it create APP\_NAME dir*

```
├─ db.sqlite3
├─ PROJECT_NAME
│   ├── asgi.py
│   ├── __init__.py
│   ├── __pycache__
│   │   ├── __init__.cpython-39.pyc
│   │   ├── settings.cpython-39.pyc
│   │   ├── urls.cpython-39.pyc
│   │   └── wsgi.cpython-39.pyc
│   ├── settings.py
│   ├── urls.py
│   └── wsgi.py
├─ manage.py
└─ APP_NAME
    ├── admin.py
    ├── apps.py
    ├── __init__.py
    ├── migrations
    │   └── __init__.py
    ├── models.py
    ├── tests.py
    └── views.py
```

## file stand for

- **manage.py** is what we use to execute commands on our terminal. We won't have to edit it, but we'll use it often.
- **settings.py** contains some important configuration settings for our new project. There are some default settings, but we may wish to change some of them from time to time.
- **urls.py** contains directions for where users should be routed after navigating to a certain URL.

4. Now, we have to install our new app. To do this, we go to settings.py, scroll down to the list of INSTALLED\_APPS, and add the name of our new application to this list.

*add django settings img*

then add ["APP\_NAME",..]

5. views.py inside APP\_NAME

## Routes

....