https://www.youtube.com/watch?v=KaSJMDo-aPs&list=PLEsfXFp6DpzTHpw-kUzOd9WWY0zVdzl6q&index=1

Steps include

1. Create a virtual env
2. Then start the virtual env then install **Django and Gunicorn**
3. Then create a project
4. Always maintain the requirements.txt file
5. In settings :
6. Mention allowed host [\*]
7. Mention below the host and comment host 🡪 DEBUG = int(os.environ.get('DEBUG' , default=1))
8. Docker file create
9. Then enter details of the dockerfile

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| 1. #BASE Image 2. FROM python:3.10 3. RUN mkdir /app 4. WORKDIR /app 5. ADD . /app 6. ENV PYTHONUNBUFFERED 1 7. ENV LANG c.UTF-8 8. ENV DEBIAN\_FRONTEND=noninteractive 9. ENV PORT=8888 10. RUN apt-get update && apt-get install -y --no-install-recommends \ 11. tzdata \ 12. python3-setuptools \ 13. python3-pip \ 14. python3-dev \ 15. python3-venv \ 16. git \ 17. && \ 18. apt-get clean && \ 19. rm -rf /var/lib/apt/lists/\* 20. RUN pip3 install --upgrade pip 21. RUN pip install -r requirements.txt 22. EXPOSE 8888 23. CMD gunicorn cfehome.wsgi:application --bind 0.0.0.0:$PORT |

1. Asa we exported the port 8888 so we need to run **docker run -it -p 8888:8888 simpledjondocker** to active the docker file
2. NOTE for expose 8888 🡪 means in which port we want to see lets say if localhost:8888 based on that we have to run the docker file
3. To run it demon mode docker run –it –d –p 8888:8888 simpledjondocker