**Check version**

1. **docker -v**

**Create a file in Vs Code**

1. **Dockerfile**

**Write this type code in Dockerfile and as per python version and directory**

**FROM python:3.7**

**COPY . /app**

**WORKDIR /app**

**RUN pip install -r requirements.txt**

**CMD ["python","app.py"]**

**Step-3**

1. docker build**: Use this command to build a Docker image from a Dockerfile,**

**docker build -t (image name) .**

**Here my image name was “welcome -app”**

**Run This command in Terminal.**

**Step-4:**

**Now Run docker images command to check the docker images available in my system.**

**Step-5:**

**Run the Created Image in Termianl as a Container.**

**docker run -p Host port:container port image name**

**Here i Run**

**docker run -p 5000:5000 welcome-app**

**And generate**

**Running on http://127.0.0.1:5000**

**\* Running on http://172.17.0.2:5000**

**If we want to run** [**http://172.17.0.2:5000**](http://172.17.0.2:5000) **Then it is not going to execute .Because this the container ,local url,.**

**So we need to run** [**http://127.0.0.1:5000**](http://127.0.0.1:5000) **url.**

**Step-6:Now check the docker image name with the command**

**docker images,**

**If the image name is formatted as username/image name then it is okey.**

**other wise Rename the image or build the image by removing the the older one,by using:**

**Image removing command: docker image rm -f welcome-app**

**And Rebuild the the image with the command.**

**docker build -t username/iamge name .**

**Here we uses docker build -t hithisisbag420/welcome-app .**

**Rename command:docker tag hithisisbag420/welcome-app hithisisbag420/welcome-app1**

**Step-7:**

**Now push the image in docker .**

**Command-docker push hithisisbag420/welcome-app:latest**