

Setting Up Application Environment

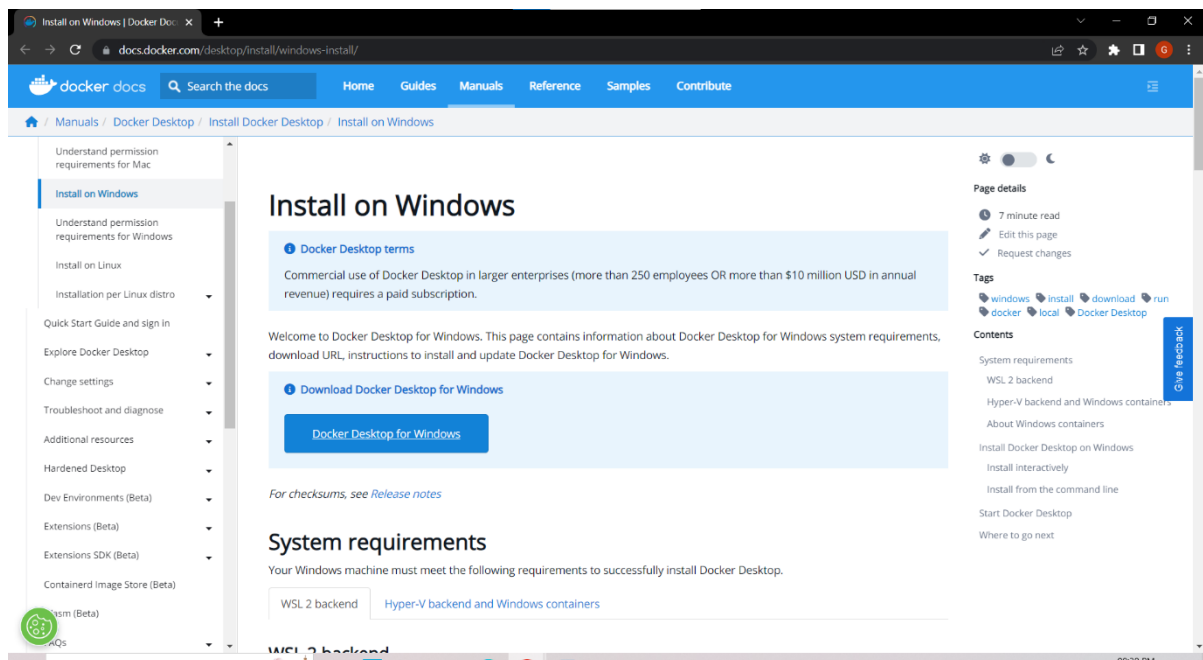
Docker CLI Installation

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Project Name	Smart Fashion Recommender Application
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Step 1:

Go the official Docker website:

<https://docs.docker.com/desktop/install/windows-install/>



Step 2:

Click that button (Docker Desktop for Windows) and download will start and it takes few minutes to complete.

Step 3:

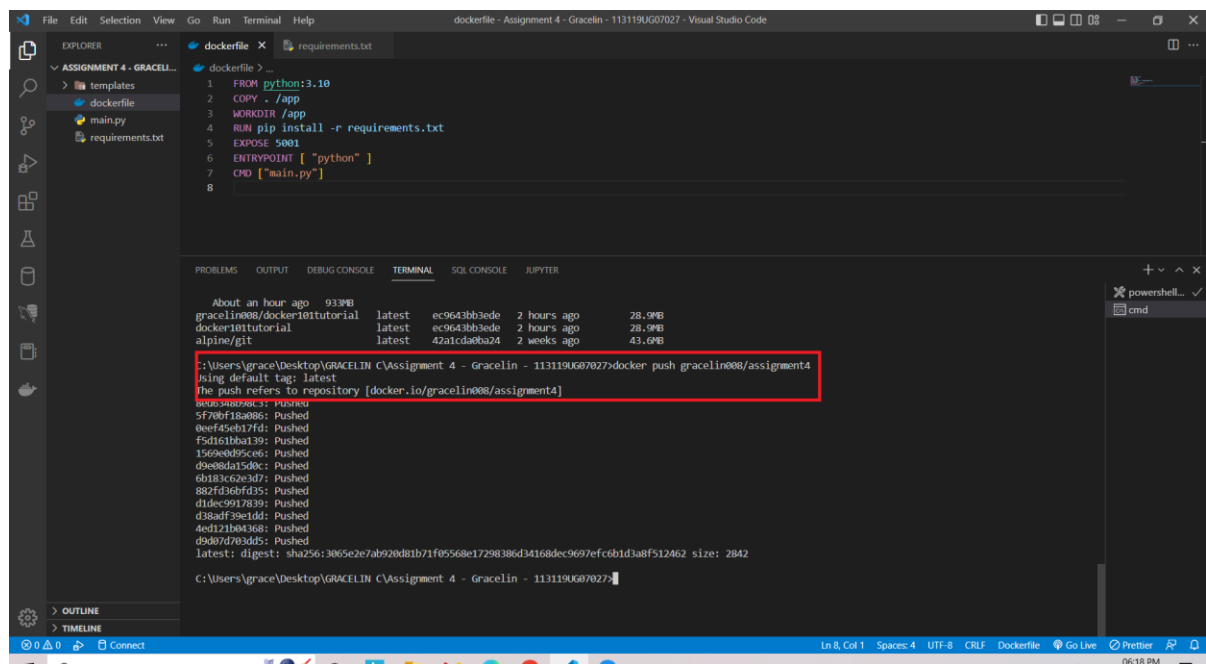
Go to downloads in browser (or) type **ctrl + J**, it will navigate to download page and double-click the particular docker file.

Step 4:

Now Installation is complete. This icon was added in your desktop. Double-click the icon to start the docker app, you can register and login that app to access those credentials.

Step 5 :

Use those commands to push images to docker desktop



The screenshot shows the Visual Studio Code interface with a Dockerfile open in the editor. The Dockerfile contains the following commands:

```
1 FROM python:3.10
2 COPY . /app
3 WORKDIR /app
4 RUN pip install -r requirements.txt
5 EXPOSE 5001
6 ENTRYPOINT [ "python" ]
7 CMD [ "main.py" ]
8
```

The terminal output shows the execution of the Dockerfile commands. The output is as follows:

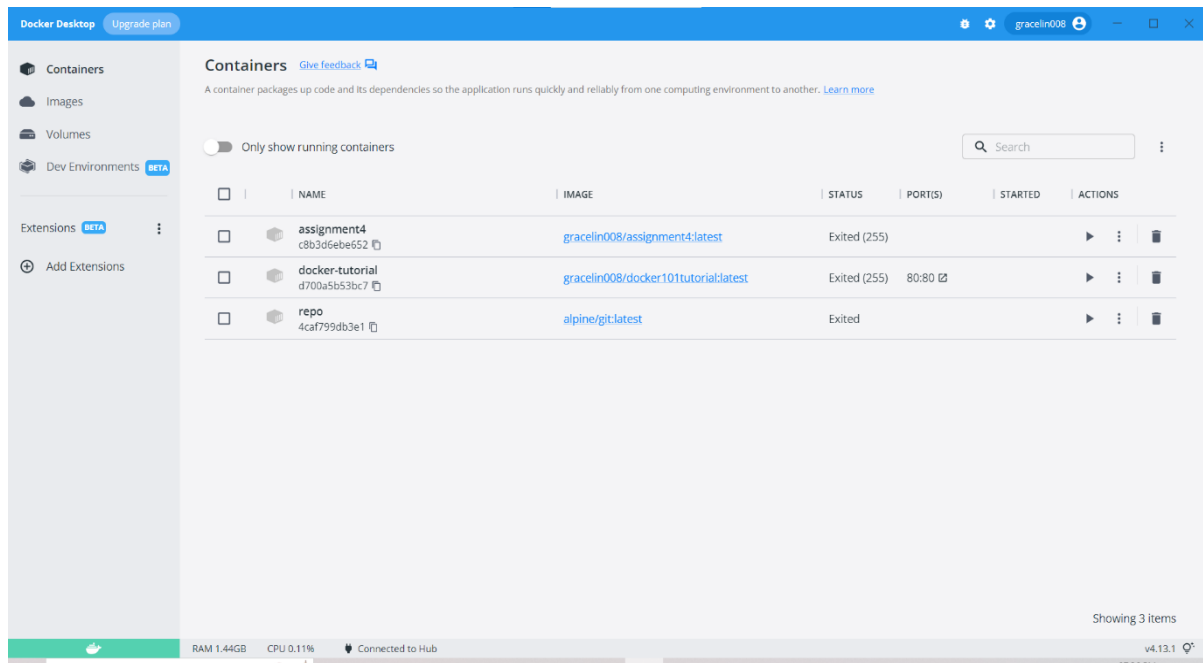
```
About an hour ago 933kB
gracelin008/docker10tutorial latest ec9643bb3ede 2 hours ago 28.9MB
docker10tutorial latest ec9643bb3ede 2 hours ago 28.9MB
alpine/git latest 42a1cda0ba24 2 weeks ago 43.6MB

C:\Users\grace\Desktop\GRACELIN C\Assignment 4 - Gracelin - 113119UG07027>docker push gracelin008/assignment4
Using default tag: latest
The push refers to repository [docker.io/gracelin008/assignment4]
8000348098c1: Pushed
5f70bf18a986: Pushed
0eeef45eb17fd: Pushed
f5d161bba139: Pushed
1569e0d95ce6: Pushed
d9e88da15d0c: Pushed
6b183c62e3d7: Pushed
882fd36bf0d5: Pushed
d1dec9917839: Pushed
d38adf39e1dd: Pushed
4ed121b04368: Pushed
d9d07d7033d5: Pushed
latest: digest: sha256:3065e2e7ab920d81b71f05568e17298386d34168dec9697efc6b1d3a8f512462 size: 2842

C:\Users\grace\Desktop\GRACELIN C\Assignment 4 - Gracelin - 113119UG07027>
```

Step 5:

Image is pushed successfully to docker desktop



Step 6:

Finally, the docker is installed successfully.