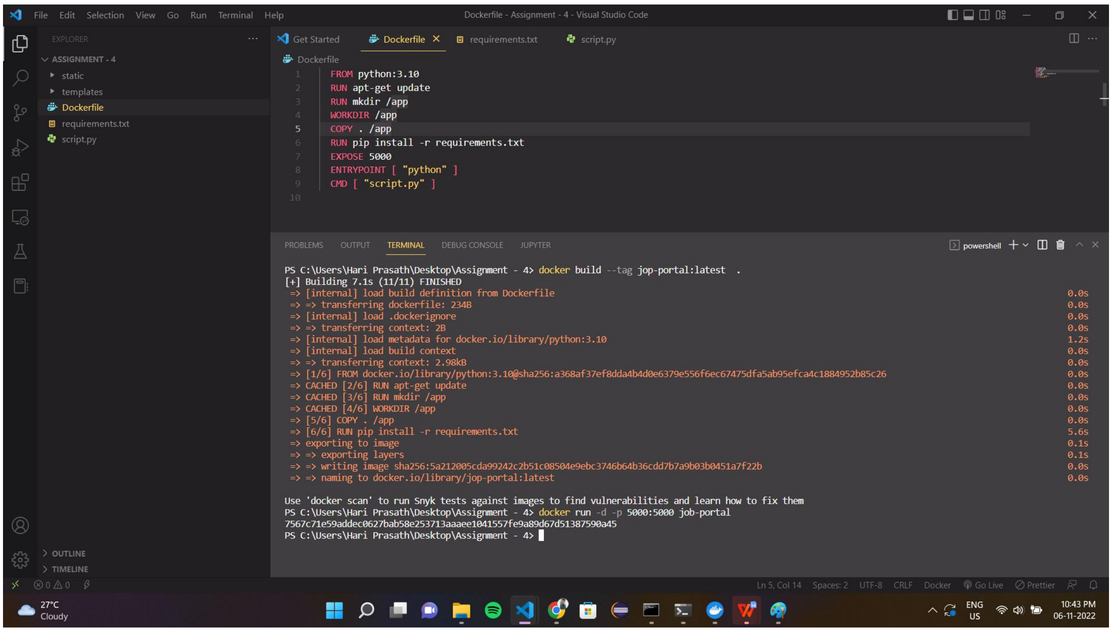
2. Create a docker file for the jobportal application and deploy it in Docker desktop application

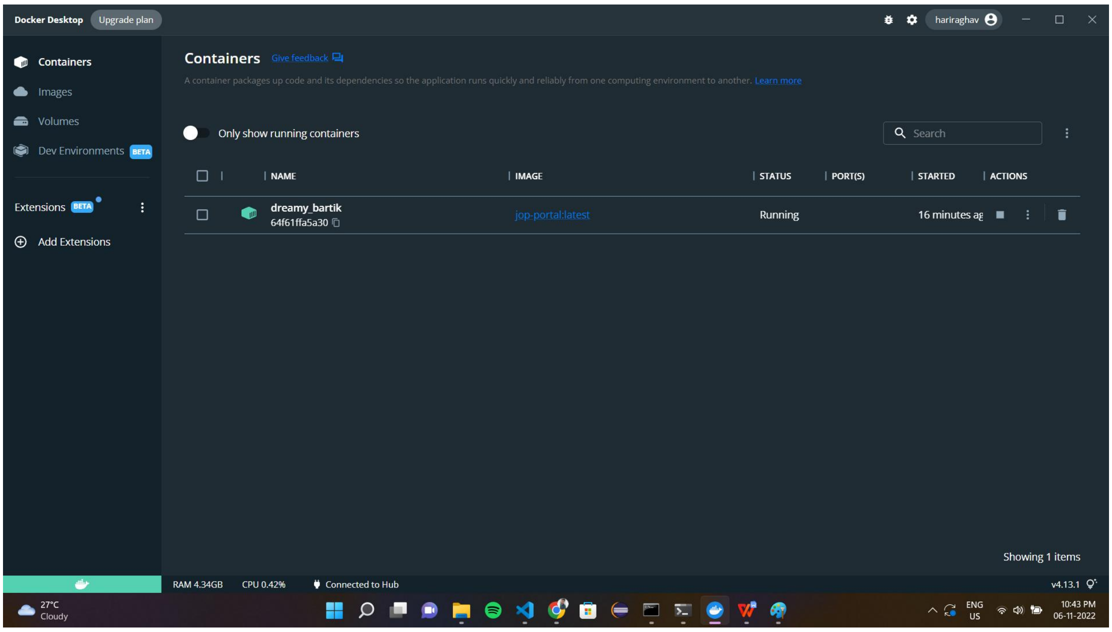


Dockerfile - Assignment - 4 - Visual Studio Code

```
FROM python:3.10
RUN apt-get update
RUN mkdir /app
WORKDIR /app
COPY . /app
RUN pip install -r requirements.txt
EXPOSE 5000
ENTRYPOINT [ "python" ]
CMD [ "script.py" ]
```

```
PS C:\Users\Hari Prasath\Desktop\Assignment - 4> docker build --tag jop-portal:latest  .
[+] Building 7.1s (11/11) FINISHED
 => [internal] load build definition from Dockerfile                                                                  0.0s
 => => transferring dockerfile: 234B                                                                                  0.0s
 => [internal] load .dockerignore                                                                                     0.0s
 => => transferring context: 2B                                                                                       0.0s
 => [internal] load metadata for docker.io/library/python:3.10                                                        1.2s
 => [internal] load build context                                                                                     0.0s
 => => transferring context: 2.98kB                                                                                   0.0s
 => [1/6] FROM docker.io/library/python:3.10@sha256:a368af37ef8dda4b4d0e6379e556f6ec67475dfa5ab95efca4c1884952b85c26  0.0s
 => CACHED [2/6] RUN apt-get update                                                                                   0.0s
 => CACHED [3/6] RUN mkdir /app                                                                                       0.0s
 => CACHED [4/6] WORKDIR /app                                                                                         0.0s
 => [5/6] COPY . /app                                                                                                 0.0s
 => [6/6] RUN pip install -r requirements.txt                                                                         5.6s
 => exporting to image                                                                                                0.1s
 => => exporting layers                                                                                               0.1s
 => => writing image sha256:5a212005cda99242c2b51c08504e9ebc3746b64b36cdd7b7a9b03b0451a7f22b                          0.0s
 => => naming to docker.io/library/jop-portal:latest                                                                  0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
PS C:\Users\Hari Prasath\Desktop\Assignment - 4> docker run -d -p 5000:5000 job-portal
7567c71e59addec0627bab58e253713aaaee1041557fe9a89d67d51387590a45
PS C:\Users\Hari Prasath\Desktop\Assignment - 4>
```



Containers

A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. Learn more

NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
dreamy_bartik 64f61ffa5a30	jop-portal:latest	Running		16 minutes ag	

Showing 1 items