

## Assignment-4

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Maximum marks	2 marks

### TASK 2

Create a docker file for the job portal application and deploy it in Docker desktop application.

```
1 FROM helloworld:latest
2 WORKDIR ~/Desktop/
3 ADD . helloworld/
4 WORKDIR ~/Desktop/htmlfile
5 RUN pip install -r requirements
6 RUN chmod +x app.sh
7 CMD ["/bin/sh", "app.sh"]
```

```
C:\Windows\System32\cmd.exe
-> [internal] load build definition from Dockerfile
-> >> transferring dockerfile: 32B
-> [internal] load .dockerignore
-> >> transferring context: 2B
-> [internal] load metadata for docker.io/library/python:3.6
[auth] library/python:pull token for registry-1.docker.io
-> [internal] load build context
-> >> transferring context: 689B
[1/6] FROM docker.io/library/python:3.6@sha256:f0652afaf88c25fd22354d547d892591067aa4026a7fa9ae819df9f300af6fc
-> resolve docker.io/library/python:3.6@sha256:f0652afaf88c25fd22354d547d892591067aa4026a7fa9ae819df9f300af6fc
-> sha256:f0652afaf88c25fd22354d547d892591067aa4026a7fa9ae819df9f300af6fc 1.86kB / 1.86kB
-> sha256:d0974907a8ec079df5ac31872359c2de510f82214c0448e926393b376d3b60d 2.22kB / 2.22kB
-> sha256:54200638d07c5e3ad24c6e21fc889abbcb486a27634c0892006ff71f3f44b104 9.27kB / 9.27kB
-> sha256:0e29546d541cddb309281d21a73a9d1db78665c1b95b74f32b009e0b77a6e13 54.92MB / 54.92MB
-> sha256:9b829c73052b92b97d5c07a54fbef3e921995a296c714053a32ae67d19231fcd 5.15MB / 5.15MB
-> sha256:c5b7ae301722f070ecac3f35823ed1baa85061d5d95cd5a95ae30740cdd56 10.87MB / 10.87MB
-> sha256:6494e4811622b31c027ccac322ca463037fd0805f569a936ef15c01aad718703 54.57MB / 54.57MB
-> sha256:6f9f74896df9a3fe0172f504fab85e0b4e8a0481a0fef9d9112efc7e4d3c78f7 196.51MB / 196.51MB
-> sha256:5e3b1213efc56590e78bd002983045c164de2a37205e06ae2dada823124dc743 6.29MB / 6.29MB
-> extracting sha256:0e29546d541cddb309281d21a73a9d1db78665c1b95b74f32b009e0b77a6e13 27.3%
-> sha256:9fddfdc56334f2e6efad7e241bf5e7459c40ed105c5478676f41c1244bd96752 14.21MB / 14.21MB
-> extracting sha256:9b829c73052b92b97d5c07a54fbef3e921995a296c714053a32ae67d19231fcd 2.3%
-> extracting sha256:cb5b7ae301722f070ecac3f35823ed1baa85061d5d95cd5a95ae30740cdd56 4.0%
-> sha256:404f02044bac0432c522cbb9f254b1c91fcae880bfeef0be0b243b2f31bab7 235B / 235B
-> sha256:c4f42be2be53b900ebffcc040c1df13de538434ccc5f5d954a56848ae169a3a3f 2.21MB / 2.21MB
-> extracting sha256:6494e4811622b31c027ccac322ca463037fd0805f569a936ef15c01aad718703 27.3%
-> extracting sha256:6f9f74896df9a3fe0172f504fab85e0b4e8a0481a0fef9d9112efc7e4d3c78f7 131.4%
-> extracting sha256:5e3b1213efc56590e78bd002983045c164de2a37205e06ae2dada823124dc743 8.2%
-> extracting sha256:9fddfdc56334f2e6efad7e241bf5e7459c40ed105c5478676f41c1244bd96752 11.3%
-> extracting sha256:404f02044bac0432c522cbb9f254b1c91fcae880bfeef0be0b243b2f31bab7 2.2%
-> extracting sha256:c4f42be2be53b900ebffcc040c1df13de538434ccc5f5d954a56848ae169a3a3f 2.7%
-> [2/6] WORKDIR /app
-> [3/6] ADD /app
-> [4/6] COPY requirements.txt /app
-> [5/6] RUN python3 -m pip install -r requirements.txt 372.2%
-> [6/6] RUN python3 -m pip install lbm_db 9.7%
-> exporting image 7.8%
-> >> exporting layers 6.8%
-> >> writing image sha256:1756719486df002fad5dae305c5221513f2ff2d1b40a8d242b22a28af0379f19 0.2%
-> >> naming to docker.io/library/job-portal-main 0.1%

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
C:\Users\VK-PC\Desktop\job-portal-main>
```