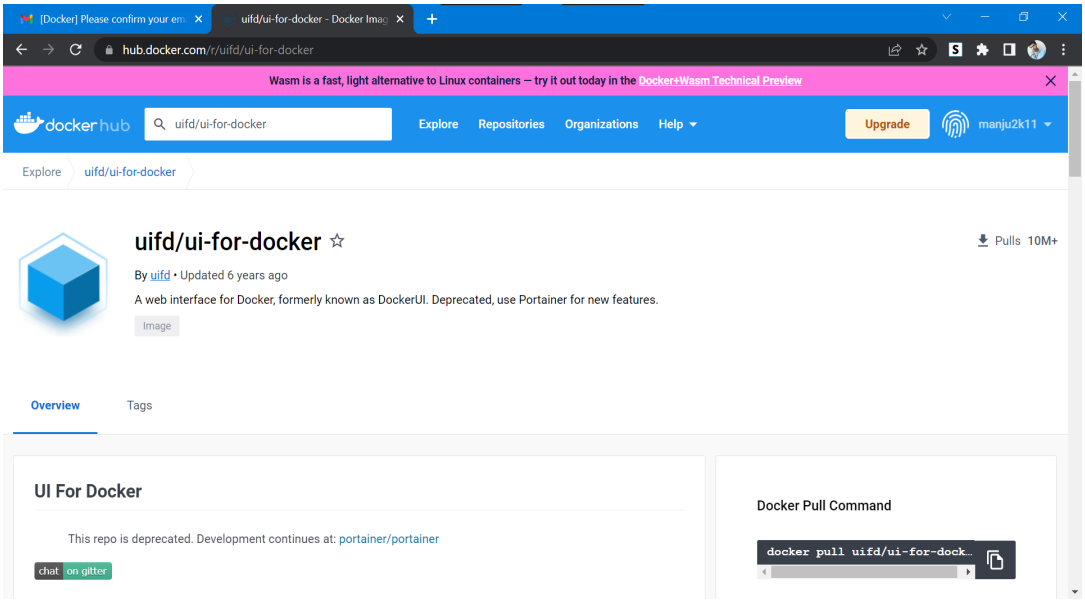
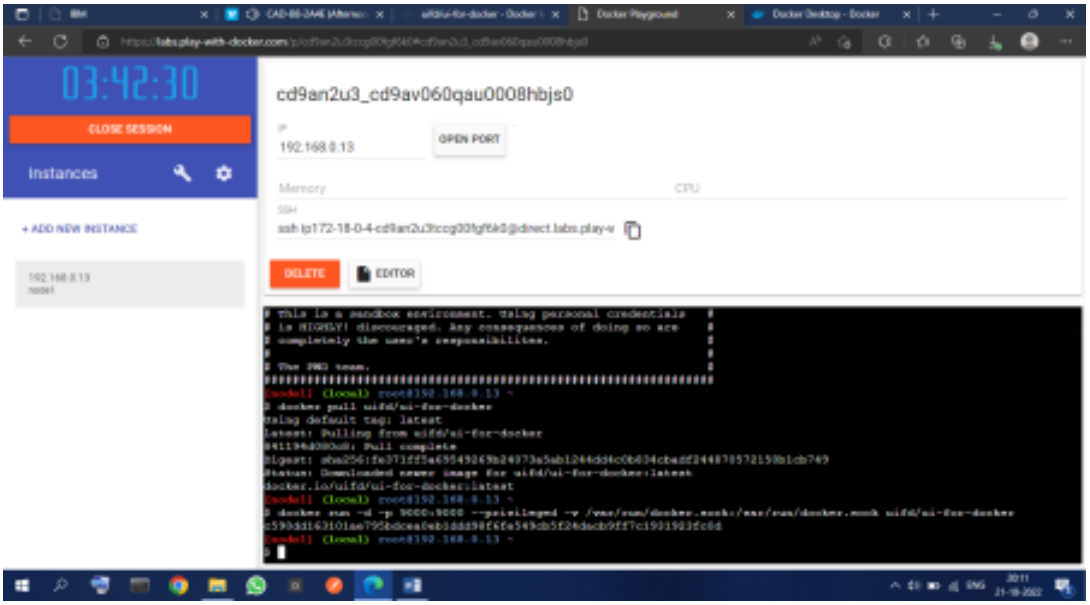
Assignment -4

Docker and Kubernetes

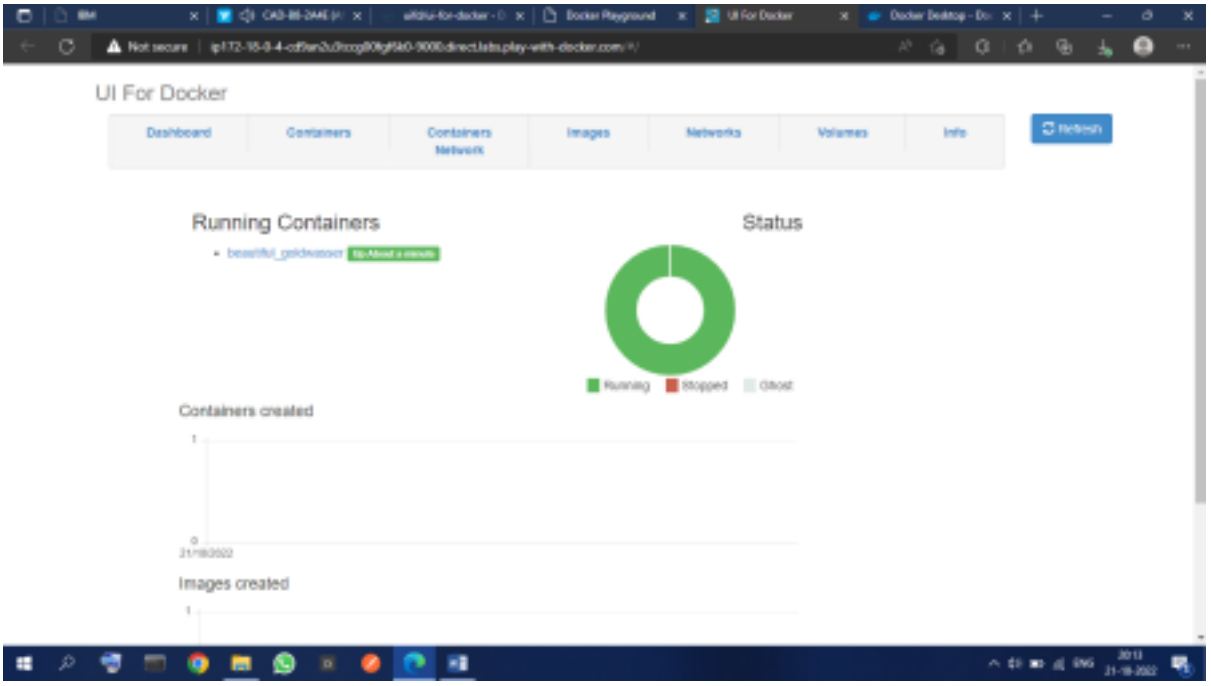
Assignment Date	21 October 2022
Student Name	Manju T
Student Roll Number	950919104014
Maximum Marks	2 Marks

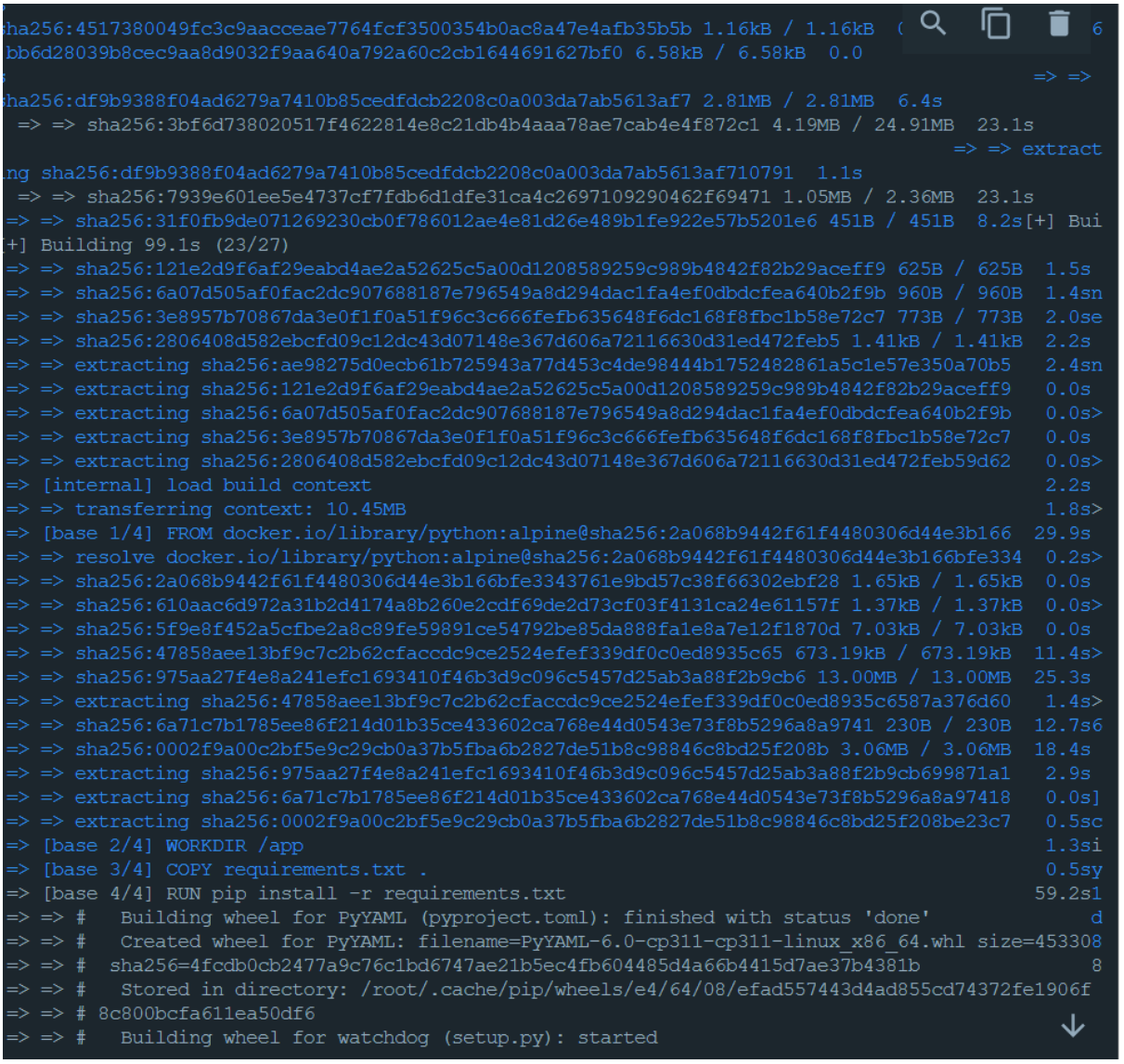
1.Pull an image from docker hub and run it in docker Playground





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




sha256:4517380049fc3c9aacceae7764fcf3500354b0ac8a47e4afb35b5b 1.16kB / 1.16kB
bb6d28039b8cec9aa8d9032f9aa640a792a60c2cb1644691627bf0 6.58kB / 6.58kB 0.0
=> =>
sha256:df9b9388f04ad6279a7410b85cedfdcb2208c0a003da7ab5613af7 2.81MB / 2.81MB 6.4s
=> => sha256:3bf6d738020517f4622814e8c21db4b4aaa78ae7cab4e4f872c1 4.19MB / 24.91MB 23.1s
=> => extract
ng sha256:df9b9388f04ad6279a7410b85cedfdcb2208c0a003da7ab5613af710791 1.1s
=> => sha256:7939e601ee5e4737cf7fdb6d1dfe31ca4c2697109290462f69471 1.05MB / 2.36MB 23.1s
=> => sha256:31f0fb9de071269230cb0f786012ae4e81d26e489b1fe922e57b5201e6 451B / 451B 8.2s[+] Bui
[+] Building 99.1s (23/27)
=> => sha256:121e2d9f6af29eabd4ae2a52625c5a00d1208589259c989b4842f82b29aceff9 625B / 625B 1.5s
=> => sha256:6a07d505af0fac2dc907688187e796549a8d294dac1fa4ef0dbdcfea640b2f9b 960B / 960B 1.4sn
=> => sha256:3e8957b70867da3e0f1f0a51f96c3c666fefb635648f6dc168f8fbc1b58e72c7 773B / 773B 2.0se
=> => sha256:2806408d582ebcfd09c12dc43d07148e367d606a72116630d31ed472feb5 1.41kB / 1.41kB 2.2s
=> => extracting sha256:ae98275d0ecb61b725943a77d453c4de98444b1752482861a5c1e57e350a70b5 2.4sn
=> => extracting sha256:121e2d9f6af29eabd4ae2a52625c5a00d1208589259c989b4842f82b29aceff9 0.0s
=> => extracting sha256:6a07d505af0fac2dc907688187e796549a8d294dac1fa4ef0dbdcfea640b2f9b 0.0s>
=> => extracting sha256:3e8957b70867da3e0f1f0a51f96c3c666fefb635648f6dc168f8fbc1b58e72c7 0.0s
=> => extracting sha256:2806408d582ebcfd09c12dc43d07148e367d606a72116630d31ed472feb59d62 0.0s>
=> [internal] load build context 2.2s
=> => transferring context: 10.45MB 1.8s>
=> [base 1/4] FROM docker.io/library/python:alpine@sha256:2a068b9442f61f4480306d44e3b166 29.9s
=> => resolve docker.io/library/python:alpine@sha256:2a068b9442f61f4480306d44e3b166bfe334 0.2s>
=> => sha256:2a068b9442f61f4480306d44e3b166bfe3343761e9bd57c38f66302ebf28 1.65kB / 1.65kB 0.0s
=> => sha256:610aac6d972a31b2d4174a8b260e2cdf69de2d73cf03f4131ca24e61157f 1.37kB / 1.37kB 0.0s>
=> => sha256:5f9e8f452a5cfbe2a8c89fe59891ce54792be85da888fa1e8a7e12f1870d 7.03kB / 7.03kB 0.0s
=> => sha256:47858aee13bf9c7c2b62cfaccdc9ce2524efef339df0c0ed8935c65 673.19kB / 673.19kB 11.4s>
=> => sha256:975aa27f4e8a241efc1693410f46b3d9c096c5457d25ab3a88f2b9cb6 13.00MB / 13.00MB 25.3s
=> => extracting sha256:47858aee13bf9c7c2b62cfaccdc9ce2524efef339df0c0ed8935c6587a376d60 1.4s>
=> => sha256:6a71c7b1785ee86f214d01b35ce433602ca768e44d0543e73f8b5296a8a9741 230B / 230B 12.7s6
=> => sha256:0002f9a00c2bf5e9c29cb0a37b5fba6b2827de51b8c98846c8bd25f208b 3.06MB / 3.06MB 18.4s
=> => extracting sha256:975aa27f4e8a241efc1693410f46b3d9c096c5457d25ab3a88f2b9cb699871a1 2.9s
=> => extracting sha256:6a71c7b1785ee86f214d01b35ce433602ca768e44d0543e73f8b5296a8a97418 0.0s]
=> => extracting sha256:0002f9a00c2bf5e9c29cb0a37b5fba6b2827de51b8c98846c8bd25f208be23c7 0.5sc
=> [base 2/4] WORKDIR /app 1.3si
=> [base 3/4] COPY requirements.txt . 0.5sy
=> [base 4/4] RUN pip install -r requirements.txt 59.2s1
=> => # Building wheel for PyYAML (pyproject.toml): finished with status 'done' d
=> => # Created wheel for PyYAML: filename=PyYAML-6.0-cp311-cp311-linux_x86_64.whl size=453308
=> => # sha256=4fcdb0cb2477a9c76c1bd6747ae21b5ec4fb604485d4a66b4415d7ae37b4381b 8
=> => # Stored in directory: /root/.cache/pip/wheels/e4/64/08/efad557443d4ad855cd74372fe1906f
=> => # 8c800bcfa611ea50df6
=> => # Building wheel for watchdog (setup.py): started

3.Create a IBM container registry and deploy hello world app