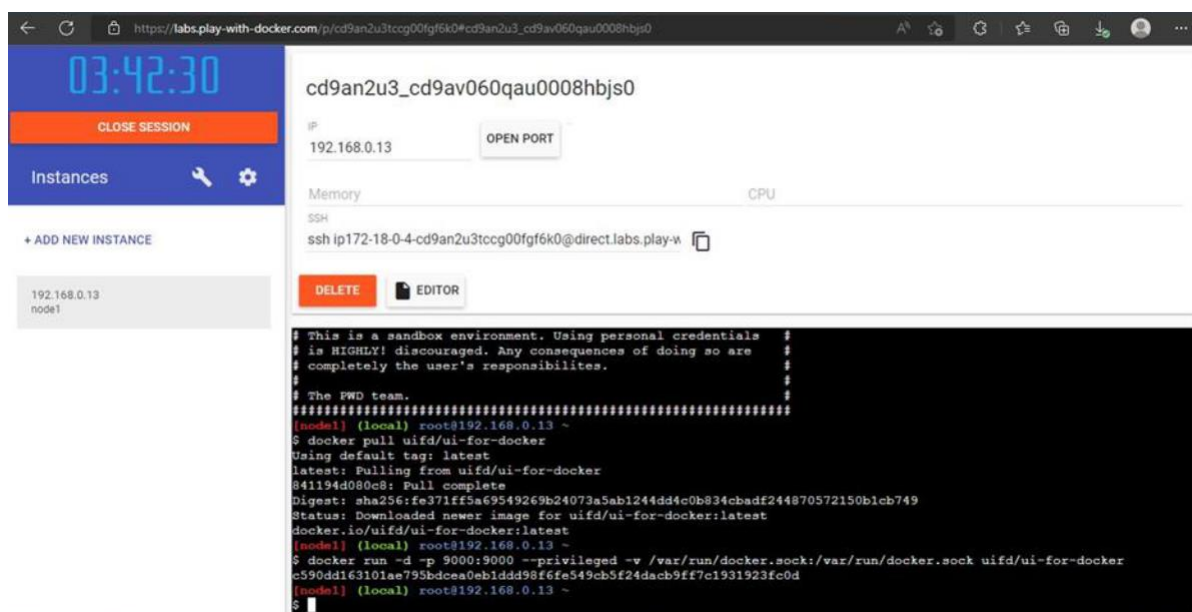
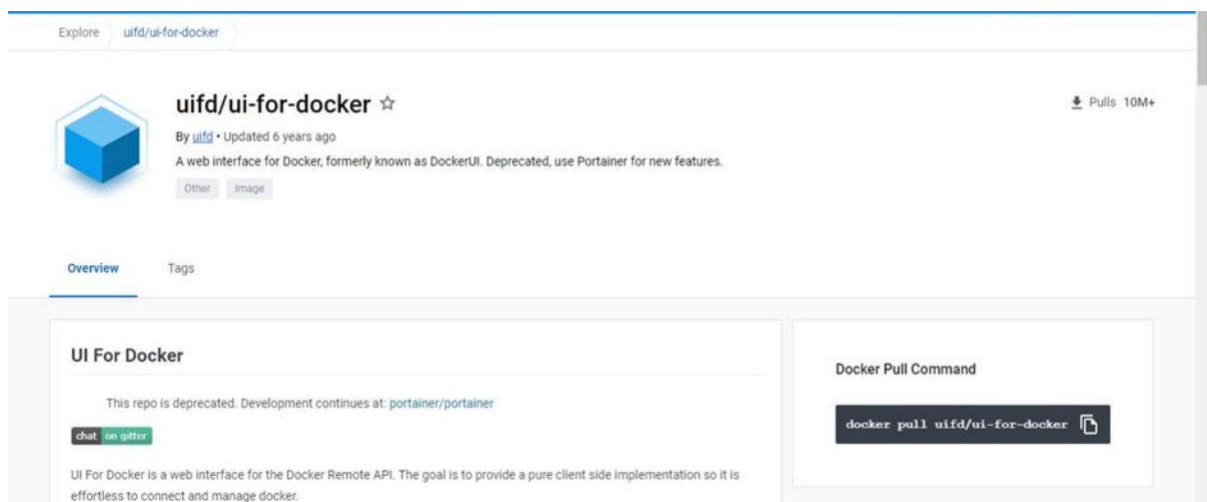


ASSIGNMENT-4

Assignment Date	21/10/2022
Student Name	Aman Kumar Singh
Student Roll Number	95071914008
Maximum Marks	2 Marks

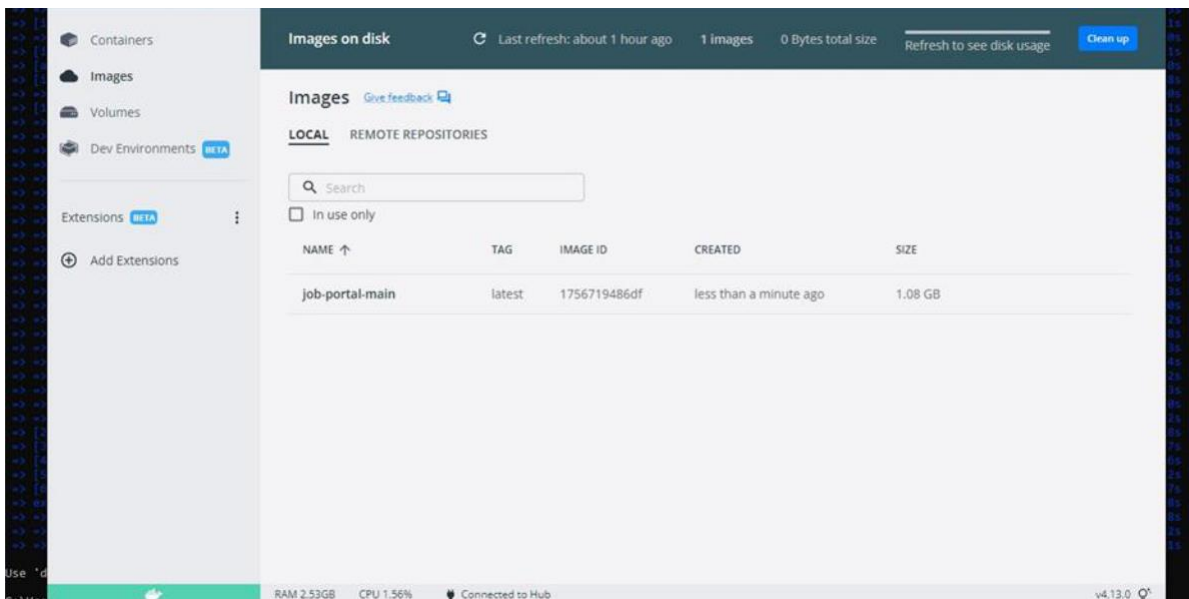
Questions:

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.

```
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: 687B
>> [5/6] FROM docker.io/library/python:3.6@sha256:f8522afaf88c25f6d22354d5470892591867aa4026a7fa9a0816d9f300e6fc
>> resolve docker.io/library/python:3.6@sha256:f8522afaf88c25f6d22354d5470892591867aa4026a7fa9a0816d9f300e6fc
>> sha256:f8522afaf88c25f6d22354d5470892591867aa4026a7fa9a0816d9f300e6fc 1.86kB / 1.86kB
>> sha256:0807a007ade0790f5a11072359c2de510f02214c0488e926393b376d3be0d 2.22kB / 2.22kB
>> sha256:5420538d07c5e1ad24c6e31fc809abbc8486a27034c0093086ff731f44b104 9.27kB / 9.27kB
>> sha256:0e25562c41c8d309281021a73a9d1d07865c1b55b74f310009e077ade1e3 54.92MB / 54.92MB
>> sha256:08029c71053102097d5c07c244b041e021905a239c714851a39a07d1021141d 5.19MB / 5.19MB
>> sha256:c05b7ae1612247070ca53f35023ed21ba05061d5095c0a05a510740c005a 16.87MB / 16.87MB
>> sha256:6484e4013422011c027ccac322ca63037f0805f509a0e0f15c01aade718793 54.57MB / 54.57MB
>> sha256:0f9f7406d0fa3fe0172f504fab05e004e8a041a0fef03112efc7e43c78f7 196.51MB / 196.51MB
>> sha256:5e3b1211efc50590a78bd002083045c104de2a37205e0a02dada021124dc743 6.20MB / 6.20MB
>> extracting sha256:0e25562c41c8d309281021a73a9d1d07865c1b55b74f310009e077ade1e3
>> sha256:9fd0fde56334f2e0fad7e241bf5e7459c40ed185c5470876f41c1244bd99752 14.21MB / 14.21MB
>> extracting sha256:90820c73052092007d5c07a54fb0f3e021095a296c714b53a32ee7d10231fcd
>> extracting sha256:c05b7ae1612247070ca53f35023ed21ba05061d5095c0a05a510740c005a 16.86MB
>> sha256:404f02044bac0432ca522c100f25401c91fcaad000b7eeef0be0b14302f31bad7 135B / 135B
>> sha256:c04f42be2be510900bffc048c10f13de538434ccc5f5095a56048a6109a3a3f 2.21MB / 2.21MB
>> extracting sha256:6484e4013422011c027ccac322ca63037f0805f509a0e0f15c01aade718793
>> extracting sha256:0f9f7406d0fa3fe0172f504fab05e004e8a041a0fef03112efc7e43c78f7
>> extracting sha256:5e3b1211efc50590a78bd002083045c104de2a37205e0a02dada021124dc743
>> extracting sha256:9fd0fde56334f2e0fad7e241bf5e7459c40ed185c5470876f41c1244bd99752
>> extracting sha256:404f02044bac0432ca522c100f25401c91fcaad000b7eeef0be0b14302f31bad7
>> extracting sha256:c04f42be2be510900bffc048c10f13de538434ccc5f5095a56048a6109a3a3f
>> [2/6] WORKDIR /app
>> [3/6] ADD . /app
>> [4/6] COPY requirements.txt /app
>> [5/6] RUN python3 -m pip install -r requirements.txt
>> [6/6] RUN python3 -m pip install the_db
>> exporting to image
>> exporting layers
>> writing image sha256:1756719486df00f9d5d4e305c3221513f2f2d1d49ebd2422d2a8af0179f19
>> naming to docker.io/library/job-portal-main
Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
```



3. Create an IBM container registry and deploy helloworld app or jobportalapp.

