

# Upload image to ibm cloud registry

Project name	Smart fashion recommender
Team id	PNT2022TMID39959
Maximum Marks	4 Marks

## 1. Create a IBM container registry and deploy app

```
Command Prompt - docker run -p 5000:5000 au.icr.io/jobportal-main/testrepo:jobportaltesting
Password>
Authenticating...
OK

Targeted account Jayakamalesh k's Account (b9916d3d37d24674be1984ac2159a53c)

API endpoint: https://cloud.ibm.com
Region: au-syd
User: 50091t.jayakamalesh@kingston.ac.in
Account: Jayakamalesh k's Account (b9916d3d37d24674be1984ac2159a53c)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

C:\Users\ELCOT>ibmcloud plugin install container-service
Looking up 'container-service' from repository 'IBM Cloud'...
Plug-in 'container-service[kubernetes-service/ks] 1.0.459' found in repository 'IBM Cloud'
Attempting to download the binary file...
26.06 MiB / 26.06 MiB [=====] 100.00% 36s
28168102 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\ELCOT\bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

C:\Users\ELCOT>ibmcloud plugin install container-registry
Looking up 'container-registry' from repository 'IBM Cloud'...
Plug-in 'container-registry[cr] 1.0.2' found in repository 'IBM Cloud'
Attempting to download the binary file...
11.90 MiB / 11.90 MiB [=====] 100.00% 14s
12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\ELCOT\bluemix\plugins\container-registry. Use 'ibmcloud plugin show container-registry' to show its details.

C:\Users\ELCOT>ibmcloud plugin install observe-service
Looking up 'observe-service' from repository 'IBM Cloud'...
Plug-in 'observe-service 1.0.82' found in repository 'IBM Cloud'
Attempting to download the binary file...
13.38 MiB / 13.38 MiB [=====] 100.00% 19s
14024704 bytes downloaded

C:\Users\ELCOT>docker login
Authenticating with existing credentials...
Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/

C:\Users\ELCOT>ibmcloud cr login
Logging 'docker' in to 'au.icr.io'...
Logged in to 'au.icr.io'.

OK

C:\Users\ELCOT>docker pull hello-world
Using default tag: latest
latest: Pulling from library/hello-world
2db29710123e: Pull complete
Digest: sha256:18a657d8cc1c7d0678a3fba8b7eb4918bba25968d3e1b0adebfa71caddbc346
Status: Downloaded newer image for hello-world:latest
docker.io/library/hello-world:latest

C:\Users\ELCOT>docker job-portal-main au.icr.io/jobportal-main/testrepo:jobportaltesting
docker: 'job-portal-main' is not a docker command.
See 'docker --help'

C:\Users\ELCOT>docker tag job-portal-main au.icr.io/jobportal-main/testrepo:jobportaltesting

C:\Users\ELCOT>docker push au.icr.io/jobportal-main/testrepo:jobportaltesting
The push refers to repository [au.icr.io/jobportal-main/testrepo]
fb63d0a236e1: Pushed
e12b82bb8bd4: Pushed
d5524300f4c9: Pushed
94efd0b0ed11: Pushed
016575b05346: Pushed
aa4c808c19f6: Pushed
8ba9f690e8ba: Pushed
3e087d59ef9f: Pushed
1e187e1fcc2: Pushed
```

```
Command Prompt - docker run -p 5000:5000 au.icr.io/jobportal-main/testrepo:jobportaltesting
Logging in with your password grants your terminal complete access to your account.
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C:\Users\ELCOT>ibmcloud cr login
Logging 'docker' in to 'au.icr.io'...
Logged in to 'au.icr.io'.

OK

C:\Users\ELCOT>docker pull au.icr.io/jobportal-main/testrepo
Using default tag: latest
Error response from daemon: manifest for au.icr.io/jobportal-main/testrepo:latest not found: manifest unknown: manifest unknown

C:\Users\ELCOT>docker run -p 5000:5000 au.icr.io/jobportal-main/testrepo
Unable to find image 'au.icr.io/jobportal-main/testrepo:latest' locally
docker: Error response from daemon: manifest for au.icr.io/jobportal-main/testrepo:latest not found: manifest unknown: manifest unknown.
See 'docker run --help'.

C:\Users\ELCOT>docker pull au.icr.io/jobportal-main/testrepo:jobportaltesting
jobportaltesting: Pulling from jobportal-main/testrepo
Digest: sha256:dc6a1d3f889845c94bc9b8b84e938a0b015e6031ddc40c016025363967265213
Status: Image is up to date for au.icr.io/jobportal-main/testrepo:jobportaltesting
au.icr.io/jobportal-main/testrepo:jobportaltesting

C:\Users\ELCOT>docker run -p 5000:5000 au.icr.io/jobportal-main/testrepo
Unable to find image 'au.icr.io/jobportal-main/testrepo:latest' locally
docker: Error response from daemon: manifest for au.icr.io/jobportal-main/testrepo:latest not found: manifest unknown: manifest unknown.
See 'docker run --help'.

C:\Users\ELCOT>docker run -p 5000:5000 au.icr.io/jobportal-main/testrepo:jobportaltesting
docker: Error response from daemon: driver failed programming external connectivity on endpoint heuristic_spence (d84c3fb81e5087dab6d1558694311ab227859e3b338aea1f7c4020c2ad72f4ae): Bind for 0.0.0.0:5000 failed: port is already allocated.

C:\Users\ELCOT>docker run -p 5000:5000 au.icr.io/jobportal-main/testrepo:jobportaltesting
* Serving Flask app 'app' (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on all addresses.
  WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://172.17.0.2:5000/ (Press CTRL+C to quit)
```

Docker Playground

CAD-B7-1A3E (Evening Session)-Day

uifd/ui-for-docker - Docker Image | Docker

IBM Cloud Container Registry - R...

cloud.ibm.com/registry/repos

IBM Cloud

Container Registry

Quick start

Namespaces2

Repositories1

Images1

Trash0

Settings

Search resources and products...

Catalog

Manage

Jayakamalesh k's Acco...

Repositories

Location

Sydney

Search

Create

Name	Image count	Namespace	Last updated
testrepo au.icr.io/jobportal-main/testrepo	1	jobportal-main	1 day ago

Items per page: 251-1 of 1 item

IBM Cloud

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Items per page: 251-1 of 1 item

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cloud.ibm.com/registry/repos

Type here to search

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cloud.ibm.com/registry/images

Images

Location

Sydney

View by: Digest

Search

Create

	Repository@digest	Tags	Manifest type	Created	Size	Security status
	jobportal-main/testrepo@sha256:dc6a1d3f8898...	jobportaltesting	Docker	1 day ago	435 MB	99 issues

Items per page: 251-1 of 1 item

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https://cloud.ibm.com/registry/images

Type here to search

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