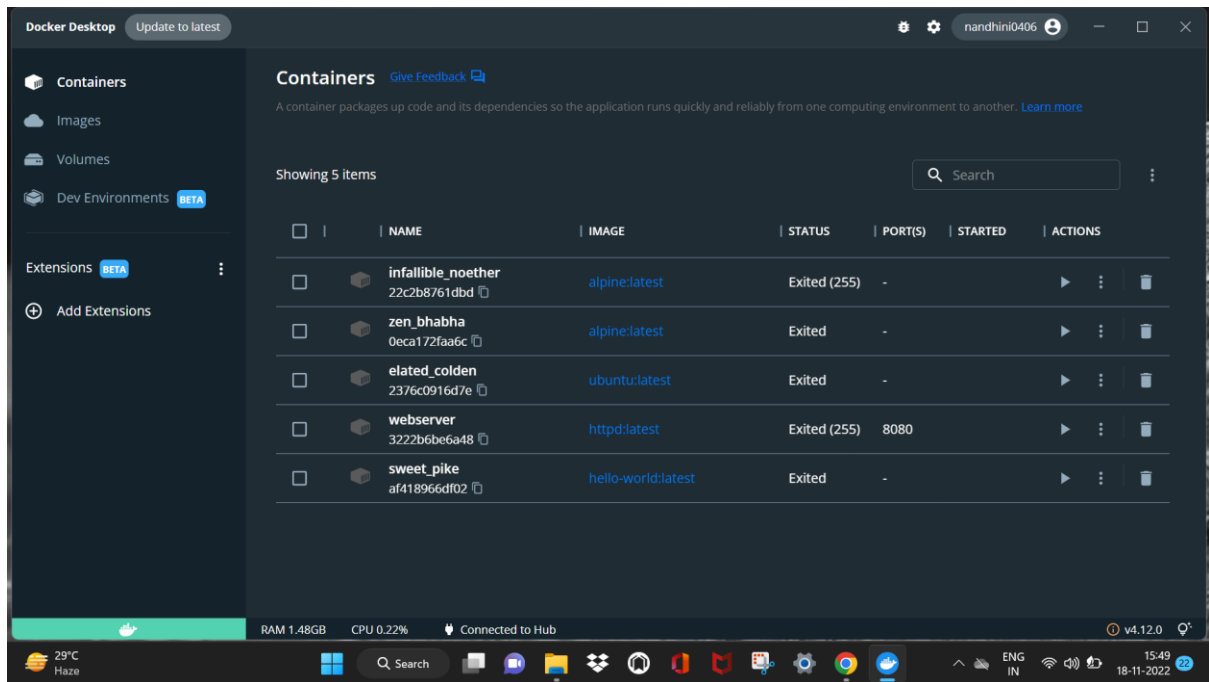


ASSIGNMENT – 4

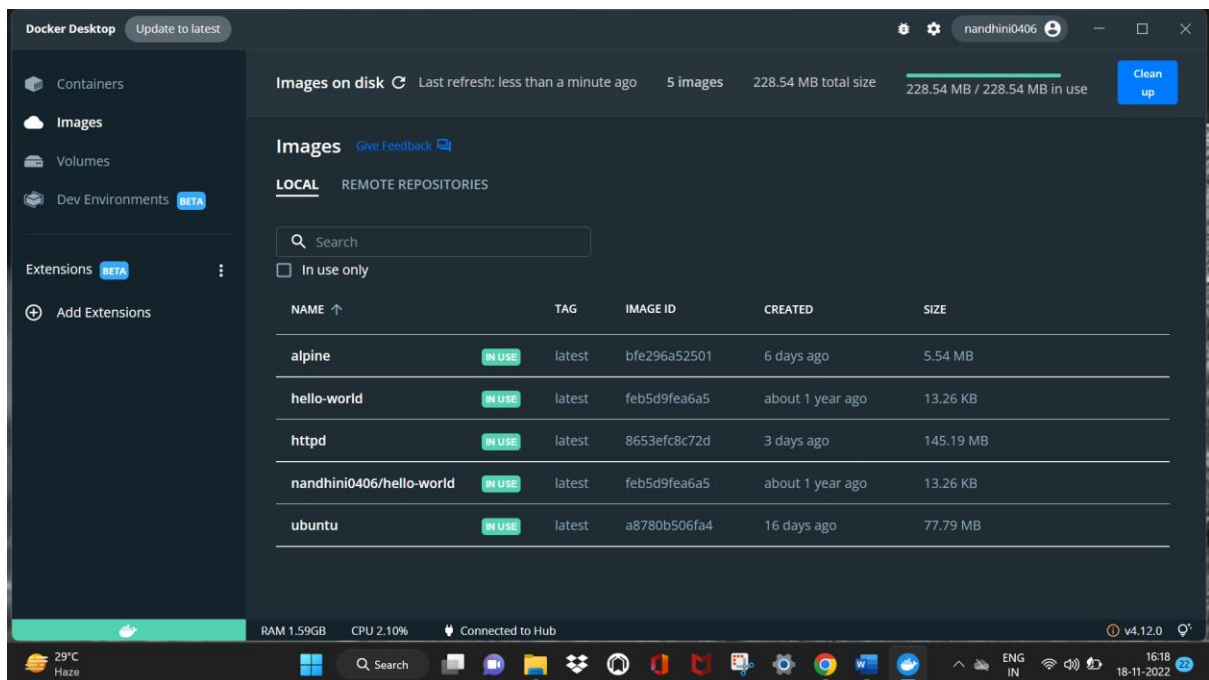
DOCKER



The screenshot shows the Docker Desktop interface. On the left sidebar, the 'Containers' tab is selected. The main panel displays a list of 5 containers. Each container entry includes a checkbox, a name with a unique ID, the image it is based on, its status, ports, start time, and actions (start, stop, delete).

	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
<input type="checkbox"/>	infallible_noether 22c2b8761dbd	alpine:latest	Exited (255)	-		[Start] [Stop] [Delete]
<input type="checkbox"/>	zen_bhabha 0eca172faa6c	alpine:latest	Exited	-		[Start] [Stop] [Delete]
<input type="checkbox"/>	elated_colden 2376c0916d7e	ubuntu:latest	Exited	-		[Start] [Stop] [Delete]
<input type="checkbox"/>	webserver 3222b6be6a48	httpd:latest	Exited (255)	8080		[Start] [Stop] [Delete]
<input type="checkbox"/>	sweet_pike af418966df02	hello-world:latest	Exited	-		[Start] [Stop] [Delete]

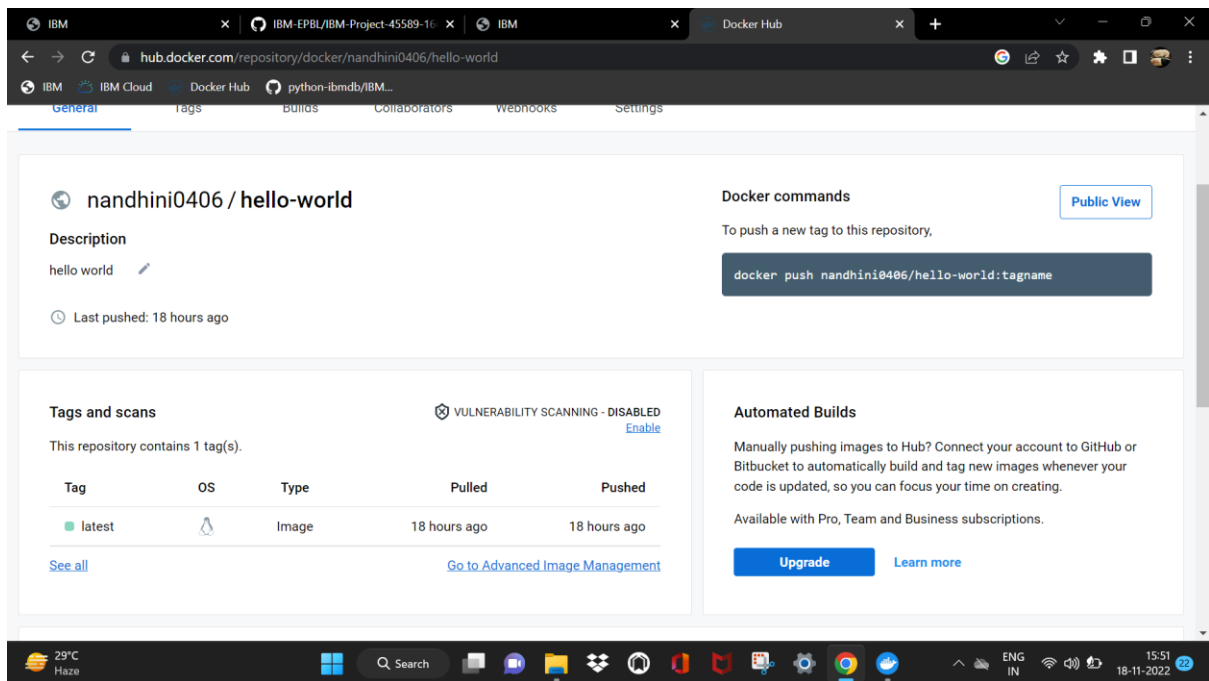
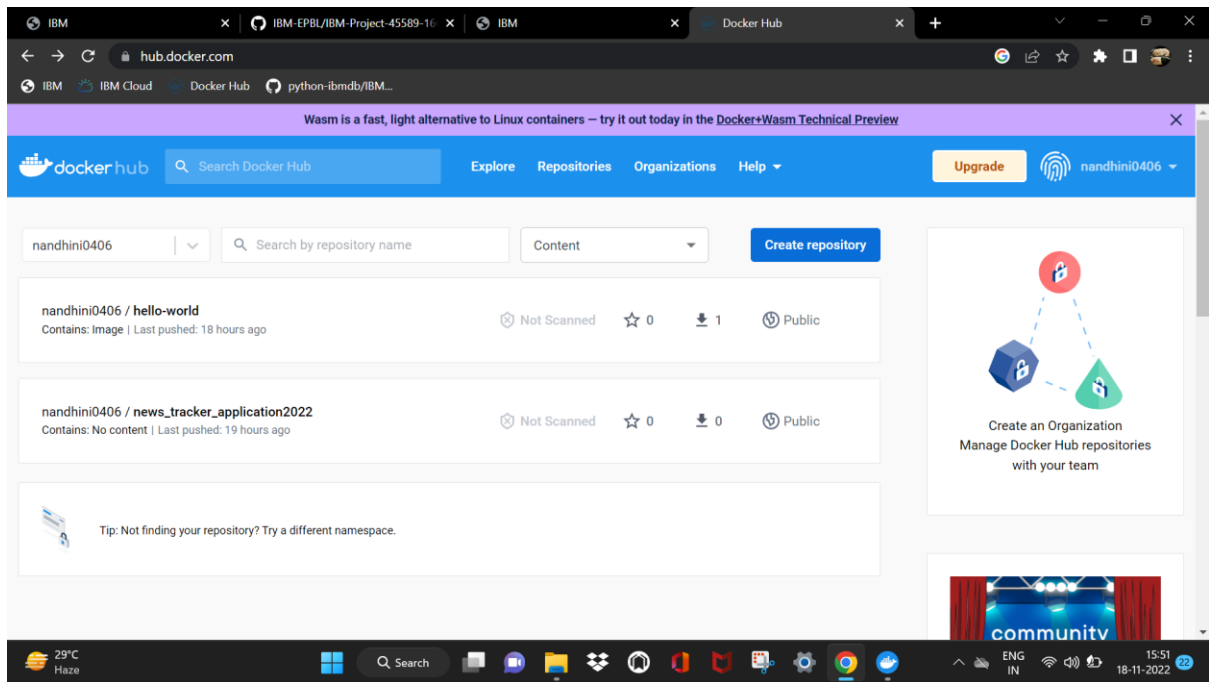
At the bottom of the interface, system statistics are shown: RAM 1.48GB, CPU 0.22%, and 'Connected to Hub'. The bottom status bar shows the temperature (29°C), weather (Haze), and the time (15:49 on 18-11-2022).



The screenshot shows the Docker Desktop interface with the 'Images' tab selected. The main panel displays a list of 5 images on disk. Each image entry includes a name, tag, image ID, creation time, and size. A 'Clean up' button is visible in the top right corner of the image list.

NAME	TAG	IMAGE ID	CREATED	SIZE
alpine	latest	bfe296a52501	6 days ago	5.54 MB
hello-world	latest	feb5d9fea6a5	about 1 year ago	13.26 KB
httpd	latest	8653efc8c72d	3 days ago	145.19 MB
nandhini0406/hello-world	latest	feb5d9fea6a5	about 1 year ago	13.26 KB
ubuntu	latest	a8780b506fa4	16 days ago	77.79 MB

At the bottom of the interface, system statistics are shown: RAM 1.59GB, CPU 2.10%, and 'Connected to Hub'. The bottom status bar shows the temperature (29°C), weather (Haze), and the time (16:18 on 18-11-2022).



IBM EPBL/IBM-Project-45589-16 nandhini0406/hello-world Tags

hub.docker.com/repository/registry-1.docker.io/nandhini0406/hello-world/tags?page=1&ordering=last_updated

nandhini0406 Repositories hello-world Using 0 of 1 private repositories. [Get more](#)

General Tags Builds Collaborators Webhooks Settings

Sort by Newest Filter Tags [Go to Advanced Image Management](#) Delete

TAG

latest
Last pushed 18 hours ago by nandhini0406

docker pull nandhini0406/hello-...

DIGEST	OS/ARCH	LAST PULL	COMPRESSED SIZE
f54a58bc1aac	linux/amd64	18 hours ago	2.42 KB

29°C Haze 15:52 18-11-2022

IBM EPBL/IBM-Project-45589-16 Image Layer Details - nandhini0406

hub.docker.com/layers/nandhini0406/hello-world/latest/images/sha256-f54a58bc1aac5ea1a25d796ae155dc228b3f0e11d046ae276b39c4bf2f13d8c4

nandhini0406/hello-world:latest
DIGEST: sha256:f54a58bc1aac5ea1a25d796ae155dc228b3f0e11d046ae276b39c4bf2f13d8c4 Delete Tag

OS/ARCH	COMPRESSED SIZE	LAST PUSHED	TYPE
linux/amd64	2.42 KB	18 hours ago by nandhini0406	Image

Image Layers Vulnerabilities

IMAGE LAYERS

1	COPY file:50563a97010fd7ce1ceebd1fa4f4891ac3de_	2.42 KB
2	CMD ["/hello"]	0 B

Command

```
COPY file:50563a97010fd7ce1ceebd1fa4f4891ac3decdf428333fb2683696f4358af6c2 in /
```

docker Explore Account Airplane mode off sources Support

29°C Haze 15:52 18-11-2022

KUBERNETES

This screenshot shows the 'Kubernetes clusters' page in the IBM Cloud console. The left sidebar contains navigation links for 'Kubernetes', 'Clusters', 'Reservations', 'Helm catalog', and 'Container Registry'. The main content area displays a table of clusters. A 'Create cluster' button is visible in the top right. The table lists one cluster named 'mycluster-free' with a state of 'Normal', located in 'Milan' with 1 worker node. It includes a warning that the cluster 'Expires in 14 days' and shows the version as '1.24.8_1544' with 'Classic' infrastructure. Below the table, there are controls for 'Items per page' (set to 25) and pagination (showing '1 of 1 item').

Name	State	Location	Worker count	Created	Version	Infrastructure
mycluster-free	Normal	Milan	1	Expires in 14 days	1.24.8_1544	Classic

This screenshot shows the 'Overview' page for the 'mycluster-free' Kubernetes cluster. The breadcrumb navigation shows 'Clusters / mycluster-free'. A prominent warning banner states: 'Expires in 14 days: Be sure to back up your data, your cluster will be deleted in 14 days. To access the full capabilities of the service, try out a standard cluster.' The page features four status cards: 'Node status' (1 of 1 Normal), 'Add-on status' (0 of 0 Normal), 'Master status' (Normal), and 'Ingress status' (Healthy). Below these is a 'Details' section with a table containing the following information:

Cluster ID	Version	Infrastructure	Zones
cdhoka0f0phtpsu3a7g	1.24.8_1544	Classic	Milan 01

The screenshot displays the IBM Cloud Kubernetes Service console. The top navigation bar includes the IBM Cloud logo, a search bar, and user account information (NANDHINI S's Account). The main content area is divided into several sections:

- Cluster Details:** A table showing the cluster ID (cdhoka0f0phtptsu3a7g), version (1.24.8_1544), infrastructure (Classic), and zones (Milan 01). It also shows the creation time (11/3/2022, 3:00 PM), resource group (Default), and an option to enable image security enforcement.
- Node health:** A section indicating 1 total nodes, all in a 'Normal' state (100%). A bar chart shows the distribution: Critical 0%, Warning 0%, Normal 100%, and Pending 0%.
- Networking:** A section showing the service endpoint URL and options to enable or disable public access. The 'Public enabled' toggle is currently turned on.

The bottom of the image shows a Windows taskbar with various application icons and a system clock indicating 04:53 on 19-11-2022.