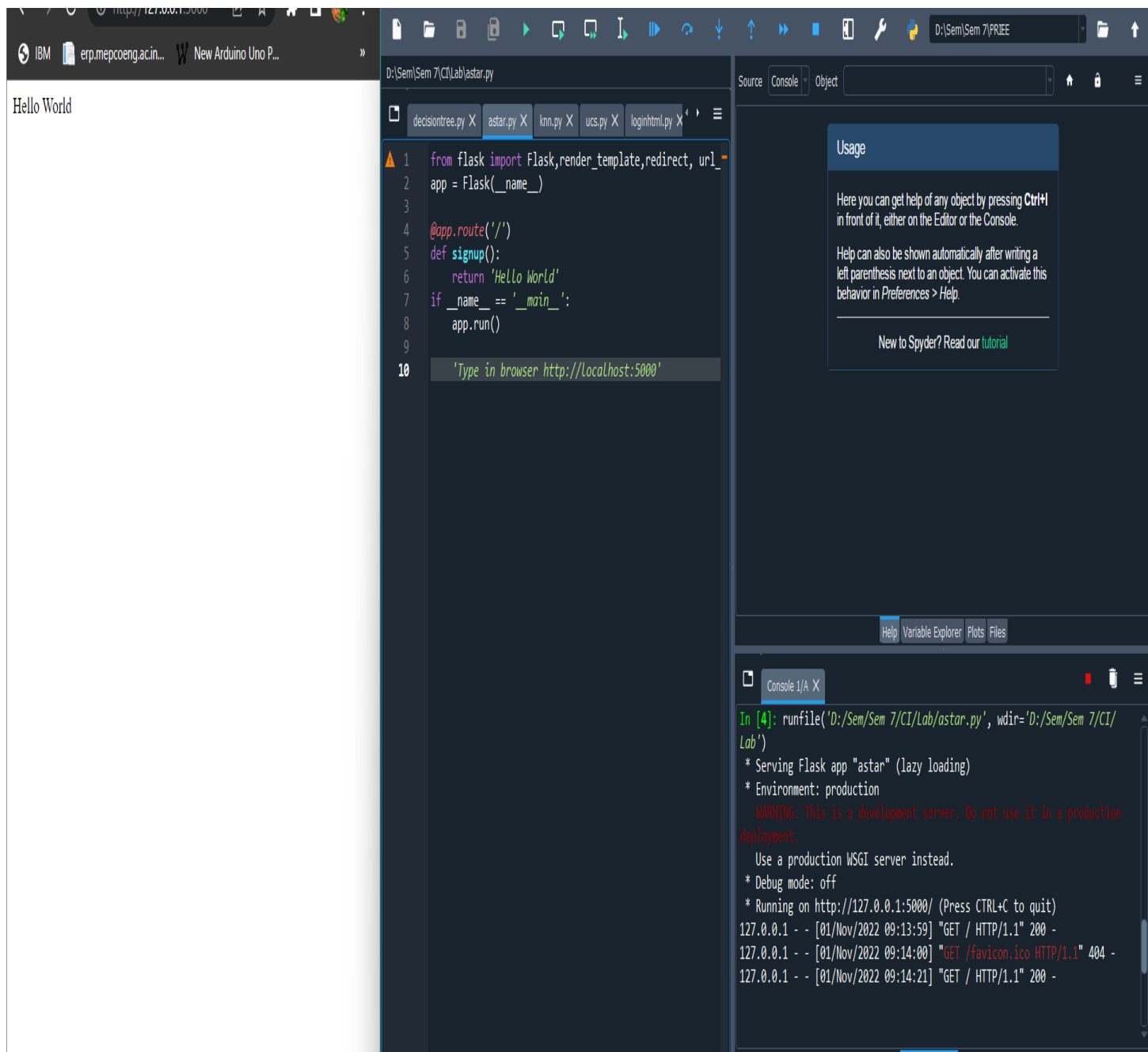


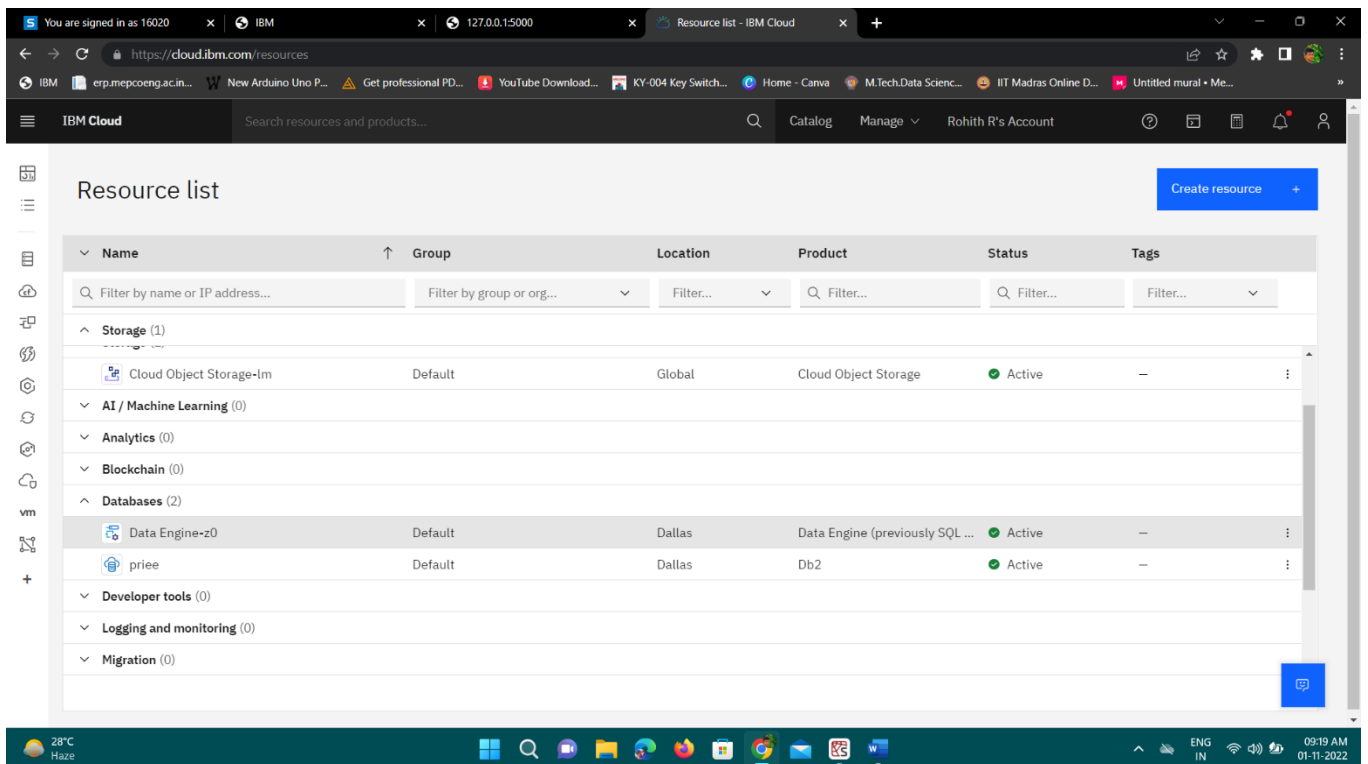
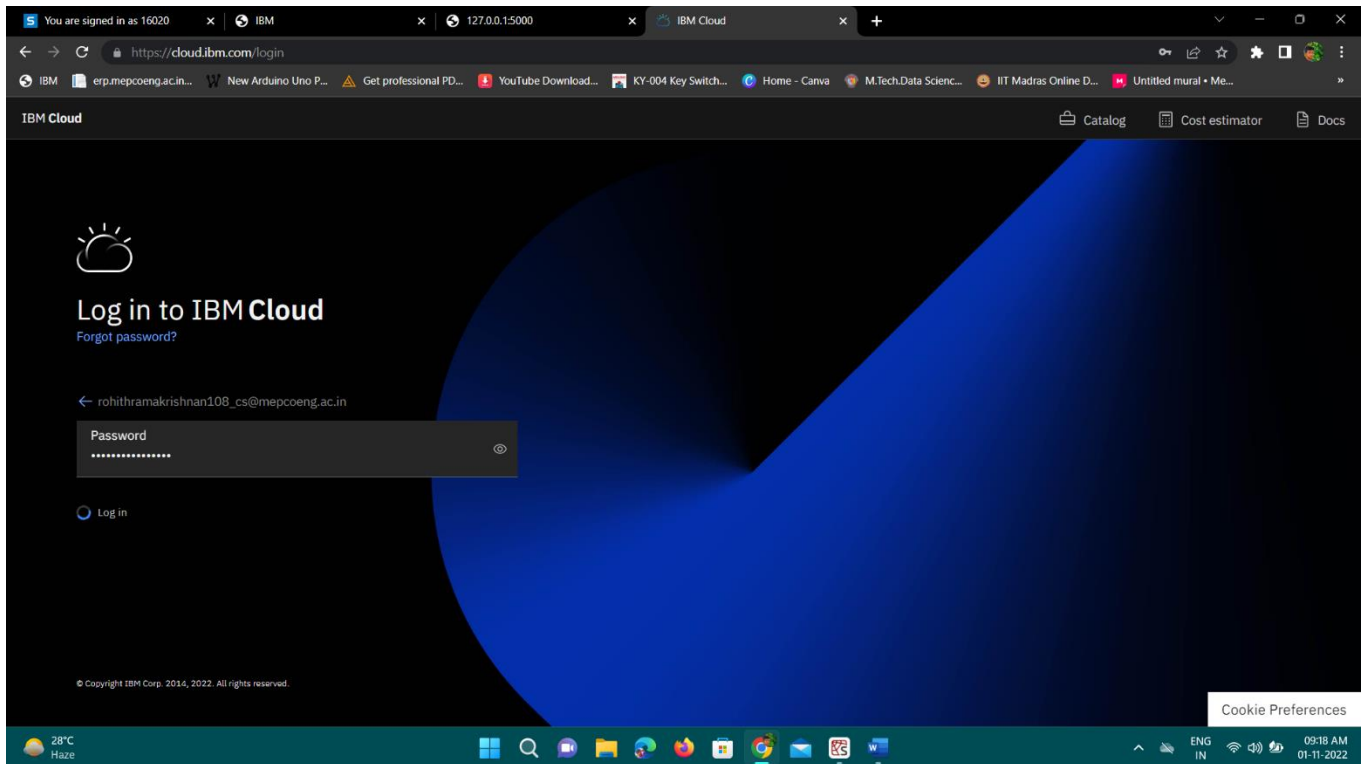
Setting up Application Environment

Date	1 November 2022
Team ID	PNT2022TMID17806
Project Name	Smart Fashion Recommender Application

1. Create Flask Project



2. Create IBM Cloud Account



3. Install IBM Cloud CLI

```
Command Prompt - ibmcloud x + v
(c) Microsoft Corporation. All rights reserved.
C:\Users\Rohith>ibmcloud login
API endpoint: https://cloud.ibm.com

Email> rohithramkrishnan108_cs@mepcoeng.ac.in

Password>
Authenticating...
OK

Targeted account Rohith R's Account (76d280e982db41eabf28071cb42c5c4e)

Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number> 4
Targeted region jp-tok

API endpoint: https://cloud.ibm.com
Region: jp-tok
User: rohithramkrishnan108_cs@mepcoeng.ac.in
Account: Rohith R's Account (76d280e982db41eabf28071cb42c5c4e)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

New version 2.12.1 is available.
```

```
Command Prompt - ibmcloud x + v
Select a region (or press enter to skip):
1. au-syd
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3. jp-osa
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5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number> 4
Targeted region jp-tok

API endpoint: https://cloud.ibm.com
Region: jp-tok
User: rohithramkrishnan108_cs@mepcoeng.ac.in
Account: Rohith R's Account (76d280e982db41eabf28071cb42c5c4e)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

New version 2.12.1 is available.
Change logs: https://github.com/IBM-Cloud/ibm-cloud-cli-release/releases/tag/v2.12.1
TIP: use 'ibmcloud config --check-version=false' to disable update check.

Do you want to update? [y/N] > y

Installing version '2.12.1'...
Downloading...
9.87 MiB / 14.95 MiB [=====] 66.04% 00m04s
```

4. Docker CLI Installation

The screenshot shows the Docker Desktop application running on a Windows machine. On the left, a Command Prompt window displays the following commands and output:

```
C:\Users\Rohith>docker --version
Docker version 20.10.17, build 100c701

C:\Users\Rohith>docker-compose --version
Docker Compose version v2.10.2

C:\Users\Rohith>docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
   (amd64)
3. The Docker daemon created a new container from that image which runs the
   executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent
   it to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

For more examples and ideas, visit:
https://docs.docker.com/get-started/

C:\Users\Rohith>docker run -d -p 80:80 --name webserver nginx
docker: Error response from daemon: Conflict. The container name "/webserver"
is already in use by container "e34866821f0bbf022aeb44d1c7072a676df86ce8fa
ab5ebb87e0af1085066295". You have to remove (or rename) that container to be
able to reuse that name.
See 'docker run --help'.
```

The Docker Desktop interface on the right shows the 'Containers' tab. It displays a list of 6 containers:

NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
zealous_nash	hello-work	Exited	-		
agitated_varah	hello-work	Exited	-		
naughty_chapl	hello-work	Exited	-		
dazzling_pare	hello-work	Exited	-		
webserver	nginx:alpine	Running	80	59 seconds ago	
hungry_clarke	hello-work	Exited	-		

The bottom status bar shows RAM usage (1.71GB), CPU usage (0.31%), and a connection status (Not connected to Hub). The system clock indicates 09:45 AM on 01-11-2022.