

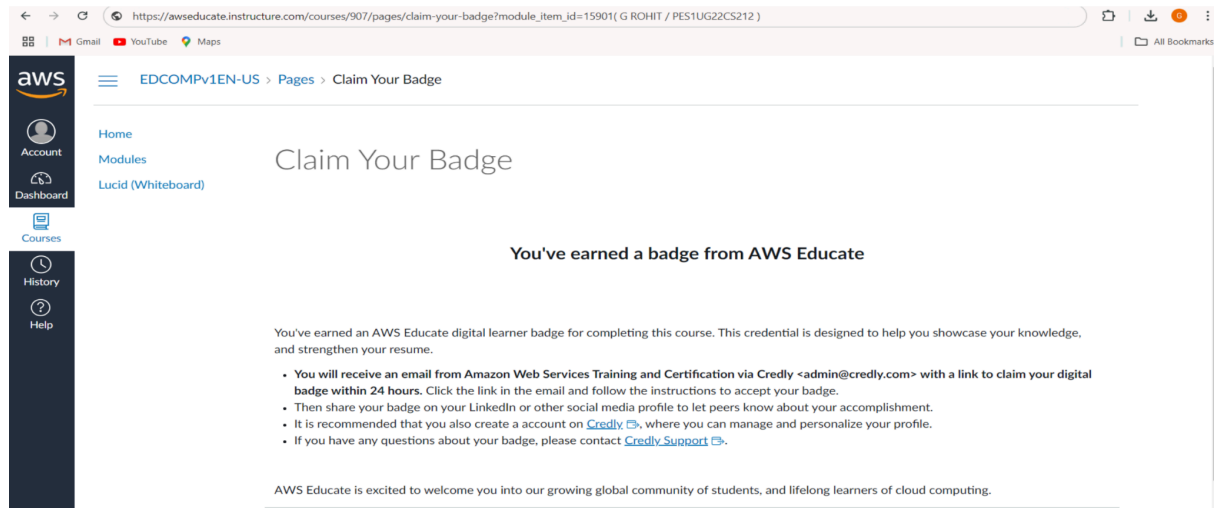
## CLOUD COMPUTING LAB 2

NAME: SHEREEN ANAND

SRN: PES1UG22CS557

SECTION: J

1)



2)

```
(base) Shereens-MacBook-Air:lab shereen$ python student_mongo.py
Enter your student ID: PES1UG22CS557
Student ID PES1UG22CS557 added successfully!

Here are all the student IDs:
PES1UG22CS557
(base) Shereens-MacBook-Air:lab shereen$
```

3)

```
(base) Shereens-MacBook-Air:~ shereen$ docker pull mongo
Using default tag: latest
latest: Pulling from library/mongo
8bb55f067777: Pull complete
50af98a999ca: Pull complete
6e2b33d58e9a: Pull complete
14c5b23bf5cf: Pull complete
216f2761441a: Pull complete
075a696718bb: Pull complete
da089b883a54: Pull complete
019eaf26198f: Pull complete
Digest: sha256:33d17eb9a1c27c6635d08f890cd075d0f9392c598eaad8c4461344ac5fbc7140
Status: Downloaded newer image for mongo:latest
docker.io/library/mongo:latest
(base) Shereens-MacBook-Air:~ shereen$ docker run --name PES1UG22CS557 -d -p 27017:27017 mongo
e0ce77b5f5a0fbde6275af75e1e2ad732483cc5d6a4ff07a742e6c6685dceefe
(base) Shereens-MacBook-Air:~ shereen$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
e0ce77b5f5a0   mongo         "docker-entrypoint.s..." 9 seconds ago  Up 8 seconds  0.0.0.0:27017->27017/tcp           PES1UG22CS557
(base) Shereens-MacBook-Air:~ shereen$ pip install pymongo
Collecting pymongo
  Obtaining dependency information for pymongo from https://files.pythonhosted.org/packages/29/a2/9643450424bcf241e80bb713497ec2e3273c183d548b4eca357f75d71885/pymongo-4.10.1-cp311-cp311-macosx_11_0_arm64.whl.metadata
  Downloading pymongo-4.10.1-cp311-cp311-macosx_11_0_arm64.whl.metadata (22 kB)
Collecting dnspython<3.0.0,>=1.16.0 (from pymongo)
  Obtaining dependency information for dnspython<3.0.0,>=1.16.0 from https://files.pythonhosted.org/packages/68/1b/e0a87d256e40e8c888847551b20a017a6b98139178505dc7ffb96f04e954/dnspython-2.7.0-py3-none-any.whl.metadata
  Downloading dnspython-2.7.0-py3-none-any.whl.metadata (5.8 kB)
Download pymongo-4.10.1-cp311-cp311-macosx_11_0_arm64.whl (889 kB)
889.5/889.5 kB 324.9 kB/s eta 0:00:00
Download dnspython-2.7.0-py3-none-any.whl (313 kB)
313.6/313.6 kB 93.5 kB/s eta 0:00:00
Installing collected packages: dnspython, pymongo
Successfully installed dnspython-2.7.0 pymongo-4.10.1
```