NAME: MAVIA ALAM KHAN (2303.KHI.DEG.017) PAIRING WITH: Mohammad Hussam (2303.KHI.DEG.020) & AQSA TAUHEED(2303.KHI.DEG.011) ASSIGNMENT NO: 4.5

Import os , redis and add environment

Add env to the docker file

```
Dockerfile > ...

You, 4 hours ago | 2 authors (Usama Ejaz and others)

FROM python: 3.7-alpine

WORKDIR /code

ENV FLASK_APP=app.py

ENV FLASK_RUN_HOST=0.0.0.0

ENV SERVICE_DISCOVERY='redis'

RUN apk add --no-cache gcc musl-dev linux-headers

COPY requirements.txt requirements.txt Usama Ejaz, last week * Added day 1 and 2 for Microservices

RUN pip install -r requirements.txt

EXPOSE 5000

COPY .

CMD ["flask", "run"]
```

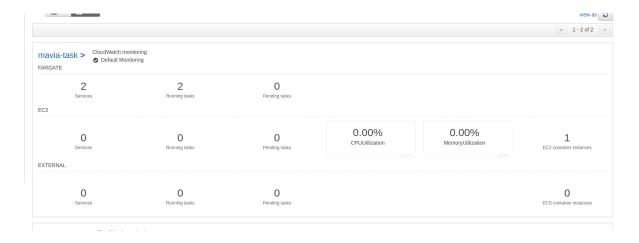
```
    maviaalamkhan@all-MS-7D35:~$ cd ~/.docker
    maviaalamkhan@all-MS-7D35:~/.docker$ ls buildx contexts daemon.json desktop devenvironments scan scout
    maviaalamkhan@all-MS-7D35:~/.docker$ cd ~/.docker/credentials bash: cd: /home/maviaalamkhan/.docker/credentials: No such file or directory
    maviaalamkhan@all-MS-7D35:~/.docker$ cd ~/.aws
    maviaalamkhan@all-MS-7D35:~/.aws$ ls config credentials
    maviaalamkhan@all-MS-7D35:~/.aws$ rm config
    maviaalamkhan@all-MS-7D35:~/.aws$ ls credentials
```

```
perfect copy. Total (Book): en eights.

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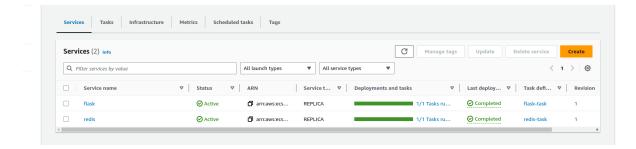
Perfect copy. En eights.
```



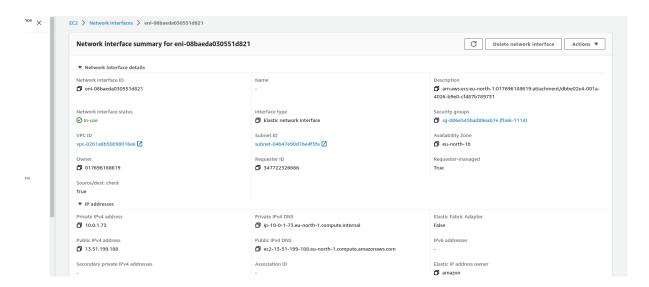
Containers									
	Last updated on May 17, 2023 11:53:11 AM (more than 1 hour ago)								
	Name	Container Runtime I	Status	Image	Image Digest	CPU Units	Hard/Soft memo	Essential	Resource ID
•	flask	64d3f3bc97c8495687	RUNNING	017696188619.dkr.ecr.eu-north-1.a	sha256:b5195252e18024f20a5d90		/	true	d7c36173-428e-4

Creating namespace and services



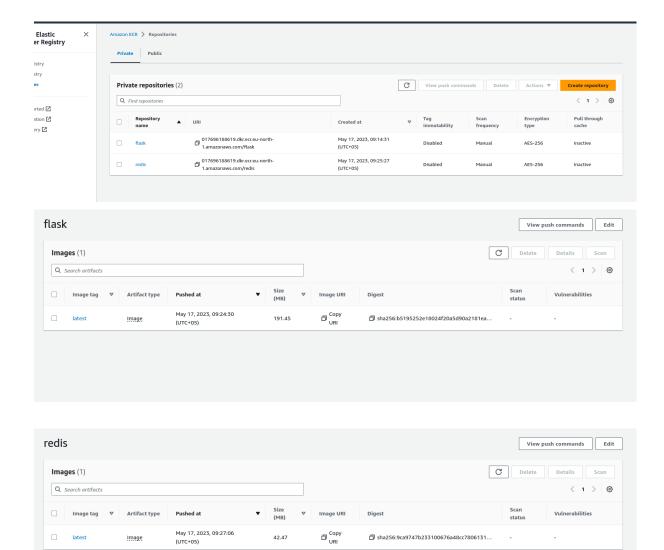


Copying the public ip





Pushing flask and redis images



Output the result and checking deployment of 5000 port number

