Exercise_6: Network

To list all available network in docker

```
dhruvrajsinh@sf-cpu-371:~$ docker network ls
NETWORK ID
               NAME
                                                     DRIVER
                                                               SCOPE
259852018b1c
               bridge
                                                     bridge
                                                               local
8e7ef54405b3
               host
                                                     host
                                                               local
39e88872ed5c
               node-php_default
                                                     bridge
                                                               local
da07e02aeceb node crud crud-net
                                                     bridge
                                                               local
2fd146850382 node crud default
                                                     bridge
                                                               local
                                                     bridge
489e9b4001a6 nodejs-expess-mongodb-crud_default
                                                               local
22fba547d5aa
                                                     null
                                                               local
6d4681c5b1cc
                                                     bridge
                                                               local
               privatenw
dhruvrajsinh@sf-cpu-371:~$
```

To inspect the bridge network, we can run:

- To add the another container to the same network as the dummy container, we need to include the --network flag when running the another container.
- Assuming the network we created earlier is named "privatenw", we can add the another container to the network with the following command:
- To start the two postgres databases and add them to the same network, you can use the following commands:
 - docker run --rm -d --name widgetdb --network privatenw -e POSTGRES_PASSWORD=mysecretpassword postgres

- This will start two postgres containers with the names widgetdb and privatenw, respectively, and add them to the privatenw network. The -e flag sets the POSTGRES_PASSWORD environment variable, which is required for postgres to start up.
- Once the databases are running and on the same network, you can connect to one from the other using its container name as the host name. For example, to connect to the widgetdb database from the privatenw database.
- Sometimes its useful to access an application running in a Docker container directly, as if it were running on your host machine.