

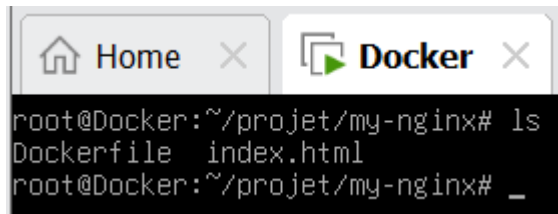
Job 8

Sans utiliser une image nginx existante , utilisation de « Dockerfile » pour créer un conteneur nginx, voir redirection des ports, et se connecter.

Création du dossier :

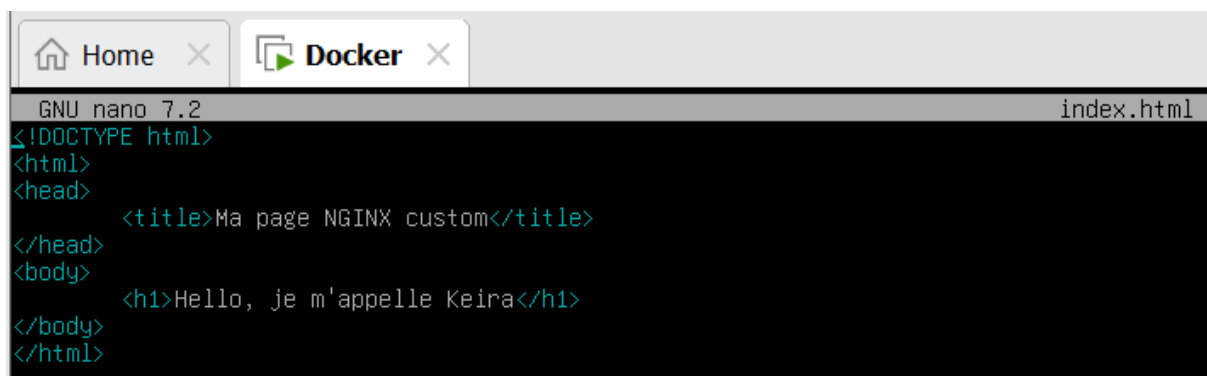
Commande: `mkdir my-nginx`

Commande: `cd my-nginx`



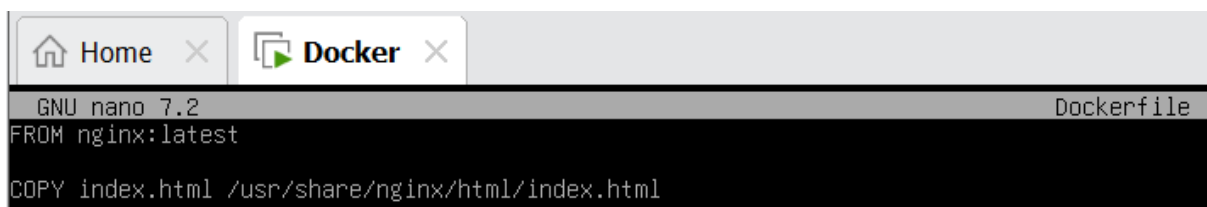
```
root@Docker:~/projet/my-nginx# ls
Dockerfile  index.html
root@Docker:~/projet/my-nginx# _
```

Création du fichier index.html



```
GNU nano 7.2 index.html
<!DOCTYPE html>
<html>
<head>
  <title>Ma page NGINX custom</title>
</head>
<body>
  <h1>Hello, je m'appelle Keira</h1>
</body>
</html>
```

Création du fichier Dockerfile

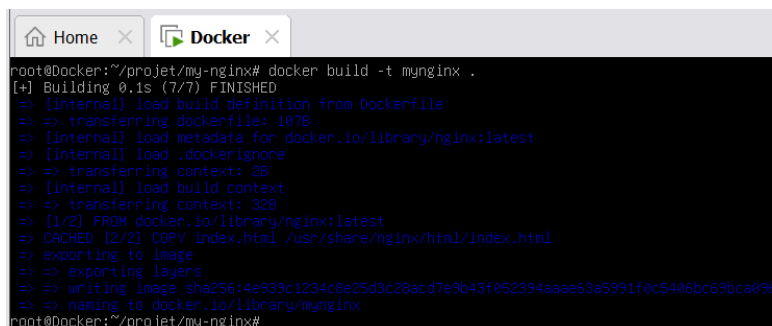


```
GNU nano 7.2 Dockerfile
FROM nginx:latest

COPY index.html /usr/share/nginx/html/index.html
```

Construction d'image personnalisée

Commande : `docker build -t mynginx .`



```
root@Docker:~/projet/my-nginx# docker build -t mynginx .
[+] Building 0.1s (7/7) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 107B
=> [internal] load metadata for docker.io/library/nginx:latest
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build context
=> => transferring context: 32B
=> [1/2] FROM docker.io/library/nginx:latest
=> CACHED [2/2] COPY index.html /usr/share/nginx/html/index.html
=> exporting to image
=> => exporting layers
=> => writing image sha256:4e939c1234c8e25d3c28acd7e9b43f052394aaaa63a5991f0c5406bc69bca096
=> => naming to docker.io/library/mynginx
root@Docker:~/projet/my-nginx#
```

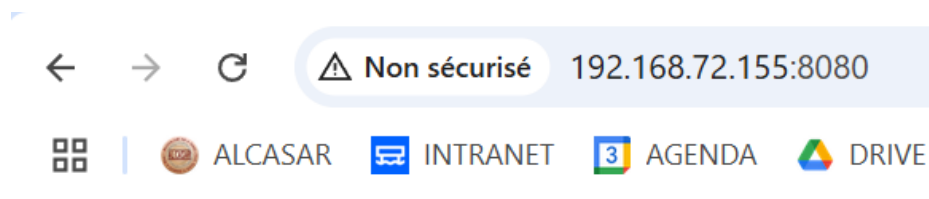
Lancement du conteneur avec redirection de port

Commande : `docker run --name my-nginx -p 8080:80 -d mynginx`

```
root@Docker:~/projet/my-nginx# docker run --name my-nginx -p 8080:80 -d mynginx
docker: Error response from daemon: Conflict. The container name "/my-nginx" is already in use by container "36e0264cd1efbdf91e1145c98f527889751af4". You have to remove (or rename) that container to be able to reuse that name.

Run 'docker run --help' for more information
root@Docker:~/projet/my-nginx#
```

Accède au site via le navigateur



Hello, je m'appelle Keira