Lanzar el contenedor

Listar contenedores activos

Detener el contenedor

Eliminar el contenedor

```
PS C:\Users\germa> docker run -d --name fastapi -p 80:80 geardila
bce7e7b79c342abdc55dfa577982cff9494444b6c5ae3e6540c627cdd0b8fa0c
PS C:\Users\germa> docker ps
CONTAINER ID    IMAGE       COMMAND              CREATED        STATUS        PORTS              NAME
S
bce7e7b79c34    geardila    "fastapi run app/mai…"  9 seconds ago  Up 8 seconds  0.0.0.0:80->80/tcp  fast
api
PS C:\Users\germa> docker stop fastapi
fastapi
PS C:\Users\germa> docker rm fastapi
fastapi
PS C:\Users\germa> docker ps
CONTAINER ID    IMAGE       COMMAND      CREATED    STATUS    PORTS      NAMES
PS C:\Users\germa>
```

Listar imagenes

```
C:\Users\germa>docker images
REPOSITORY      TAG        IMAGE ID        CREATED          SIZE
geardila        gerssy19   fc881ccfe620    19 minutes ago   1.57GB
airflow         latest     73b53637ecf6    7 days ago       2.22GB
nginx           latest     91734281c0eb    13 days ago      279MB

C:\Users\germa>
```
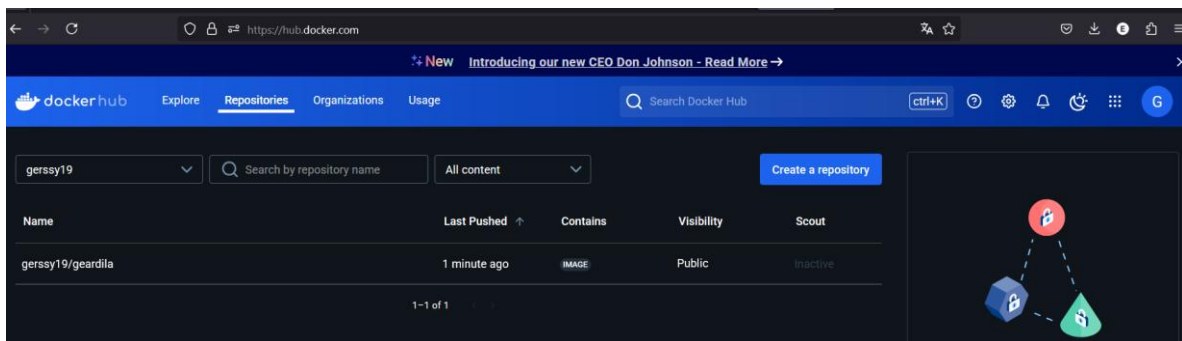
Tagear imagen

```
C:\Users\germa>docker tag geardila:gerssy19 gerssy19/geardila:gerssy19

C:\Users\germa>docker images
REPOSITORY          TAG        IMAGE ID        CREATED          SIZE
gerssy19/geardila   gerssy19   fc881ccfe620    24 minutes ago   1.57GB
geardila            gerssy19   fc881ccfe620    24 minutes ago   1.57GB
airflow             latest     73b53637ecf6    7 days ago       2.22GB
nginx               latest     91734281c0eb    13 days ago      279MB
```
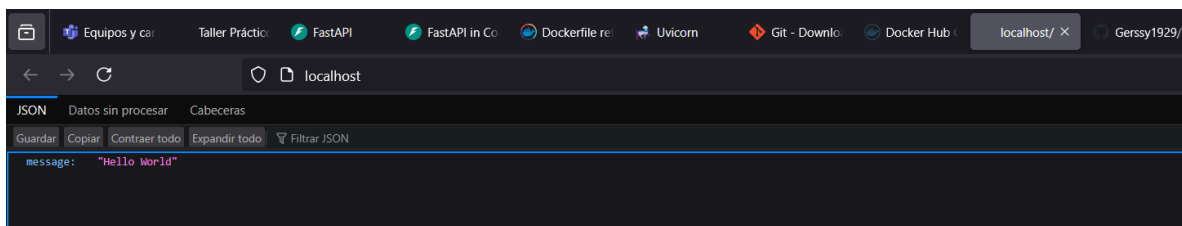
Subir imagen a docker hub con docker push

```
C:\Users\germa>docker push gerssy19/geardila:gerssy19
The push refers to repository [docker.io/gerssy19/geardila]
7576b00d9bb1: Pushed
c14bd556f4a2: Pushed
f903c8f14875: Pushed
93b57274a62c: Pushed
b5039846961a: Pushed
680bc4233632: Pushed
32b550be6cb6: Pushed
a492eee5e559: Pushed
4a6d6550b030: Pushed
35af2a7690f2: Pushed
30fbef5285ce: Pushed
31337eeb78db: Pushed
gerssy19: digest: sha256:fc881ccfe6201cf2981a057196e11325a1b0b95c3bb3f0319c37d29046142793 size: 856
```

Imagen en docker Hub

Ejecución de la aplicación

Eliminar contenedores

```
C:\Users\germa>docker stop fastapi
fastapi

C:\Users\germa>docker ps
CONTAINER ID   IMAGE     COMMAND     CREATED     STATUS     PORTS     NAMES

C:\Users\germa>docker ps -a
CONTAINER ID   IMAGE               COMMAND               CREATED         STATUS                   PORTS     NAMES
e8645f850f3a   geardila:gerssy19   "fastapi run app/mai…"   28 minutes ago   Exited (0) 19 seconds ago             fasta
pi

C:\Users\germa>docker rm e8
e8

C:\Users\germa>docker ps -a
CONTAINER ID   IMAGE     COMMAND     CREATED     STATUS     PORTS     NAMES

C:\Users\germa>
```

Eliminar imágenes y contenedores innecesarios

```
C:\Users\germa>docker images
REPOSITORY            TAG        IMAGE ID        CREATED           SIZE
gerssy19/geardila     gerssy19   fc881ccfe620    46 minutes ago    1.57GB
geardila              gerssy19   fc881ccfe620    46 minutes ago    1.57GB
airflow               latest     73b53637ecf6    7 days ago        2.22GB
nginx                 latest     91734281c0eb    13 days ago       279MB

C:\Users\germa>docker rmi fc
Error response from daemon: No such image: fc:latest

C:\Users\germa>docker rmi gerssy19/geardila geardila
Error response from daemon: No such image: gerssy19/geardila:latest
Error response from daemon: No such image: geardila:latest

C:\Users\germa>docker rmi gerssy19/geardila:gerssy19 geardila:gerssy19
Untagged: gerssy19/geardila:gerssy19
Untagged: geardila:gerssy19
Deleted: sha256:fc881ccfe6201cf2981a057196e11325a1b0b95c3bb3f0319c37d29046142793

C:\Users\germa>docker images
REPOSITORY     TAG       IMAGE ID       CREATED        SIZE
airflow        latest    73b53637ecf6   7 days ago     2.22GB
nginx          latest    91734281c0eb   13 days ago    279MB
```