

## Parte 1

1.

```
docker volume create volumenDocker
```

2.

```
docker run -d -p 80:80 -v volumenDocker:/usr/share/nginx/html --name volumenDocker nginx
```

3.

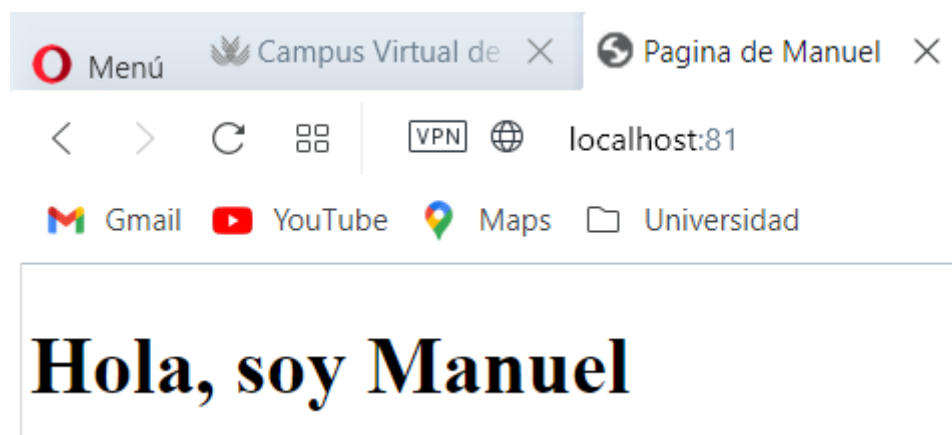
```
docker exec -it volumenDocker /bin/bash
```

```
echo '<!DOCTYPE html><html><head><title>Pagina de
Manuel</title></head><body><h1>Hola, soy Manuel</h1></body></html>' >
/usr/share/nginx/html/index.html
```

4.

```
docker run -d -p 81:80 -v volumenDocker:/usr/share/nginx/html --name segundo_contenedor
nginx
```

5.



## Parte 2

1.

```
docker network create redDocker
```

El resultado al hacer un ls es:

NETWORK ID	NAME	DRIVER	SCOPE
8418403ad810	bridge	bridge	local
e837b0ae5e49	host	host	local
58c51764c901	none	null	local
5afc22826429	redDocker	bridge	local

2.

```
docker run -it --name Ubuntu1 ubuntu
```

3.

```
docker run -it --name Ubuntu2 ubuntu
```

4.

```
docker network connect redDocker Ubuntu1
```

5.

```
docker exec -it Ubuntu2 bash
```

```
apt-get update
```

```
apt-get install -y iputils-ping
```

```
ping 172.18.0.2 (es la dirección IP de Ubuntu1)
```

El comando se queda esperando, esto es, porque no recibe respuesta de Ubuntu1, ya que no están en la misma red.

6.

```
docker network connect redDocker Ubuntu1
```

7.

```
PING 172.18.0.2 (172.18.0.2) 56(84) bytes of data.  
64 bytes from 172.18.0.2: icmp_seq=1 ttl=64 time=1.15 ms  
64 bytes from 172.18.0.2: icmp_seq=2 ttl=64 time=0.125 ms  
64 bytes from 172.18.0.2: icmp_seq=3 ttl=64 time=0.132 ms  
64 bytes from 172.18.0.2: icmp_seq=4 ttl=64 time=0.123 ms  
64 bytes from 172.18.0.2: icmp_seq=5 ttl=64 time=0.163 ms  
64 bytes from 172.18.0.2: icmp_seq=6 ttl=64 time=0.133 ms  
64 bytes from 172.18.0.2: icmp_seq=7 ttl=64 time=0.147 ms  
64 bytes from 172.18.0.2: icmp_seq=8 ttl=64 time=0.127 ms  
64 bytes from 172.18.0.2: icmp_seq=9 ttl=64 time=0.128 ms  
64 bytes from 172.18.0.2: icmp_seq=10 ttl=64 time=0.168 ms  
64 bytes from 172.18.0.2: icmp_seq=11 ttl=64 time=0.131 ms  
64 bytes from 172.18.0.2: icmp_seq=12 ttl=64 time=0.146 ms  
64 bytes from 172.18.0.2: icmp_seq=13 ttl=64 time=0.123 ms  
64 bytes from 172.18.0.2: icmp_seq=14 ttl=64 time=0.129 ms  
64 bytes from 172.18.0.2: icmp_seq=15 ttl=64 time=0.136 ms  
64 bytes from 172.18.0.2: icmp_seq=16 ttl=64 time=0.126 ms  
64 bytes from 172.18.0.2: icmp_seq=17 ttl=64 time=0.165 ms  
64 bytes from 172.18.0.2: icmp_seq=18 ttl=64 time=0.128 ms  
64 bytes from 172.18.0.2: icmp_seq=19 ttl=64 time=0.138 ms  
64 bytes from 172.18.0.2: icmp_seq=20 ttl=64 time=0.124 ms  
64 bytes from 172.18.0.2: icmp_seq=21 ttl=64 time=0.135 ms  
64 bytes from 172.18.0.2: icmp_seq=22 ttl=64 time=0.128 ms  
64 bytes from 172.18.0.2: icmp_seq=23 ttl=64 time=0.127 ms  
64 bytes from 172.18.0.2: icmp_seq=24 ttl=64 time=0.130 ms  
64 bytes from 172.18.0.2: icmp_seq=25 ttl=64 time=0.122 ms  
64 bytes from 172.18.0.2: icmp_seq=26 ttl=64 time=0.156 ms  
64 bytes from 172.18.0.2: icmp_seq=27 ttl=64 time=0.146 ms  
64 bytes from 172.18.0.2: icmp_seq=28 ttl=64 time=0.146 ms  
64 bytes from 172.18.0.2: icmp_seq=29 ttl=64 time=0.128 ms  
64 bytes from 172.18.0.2: icmp_seq=30 ttl=64 time=0.139 ms  
64 bytes from 172.18.0.2: icmp_seq=31 ttl=64 time=0.128 ms  
64 bytes from 172.18.0.2: icmp_seq=32 ttl=64 time=0.129 ms  
64 bytes from 172.18.0.2: icmp_seq=33 ttl=64 time=0.146 ms  
64 bytes from 172.18.0.2: icmp_seq=34 ttl=64 time=0.128 ms  
64 bytes from 172.18.0.2: icmp_seq=35 ttl=64 time=0.127 ms  
64 bytes from 172.18.0.2: icmp_seq=36 ttl=64 time=0.160 ms  
64 bytes from 172.18.0.2: icmp_seq=37 ttl=64 time=0.152 ms  
64 bytes from 172.18.0.2: icmp_seq=38 ttl=64 time=0.125 ms  
64 bytes from 172.18.0.2: icmp_seq=39 ttl=64 time=0.239 ms
```

Esta vez si funciona, porque Ubuntu1 y Ubuntu2 se encuentran en la misma red.