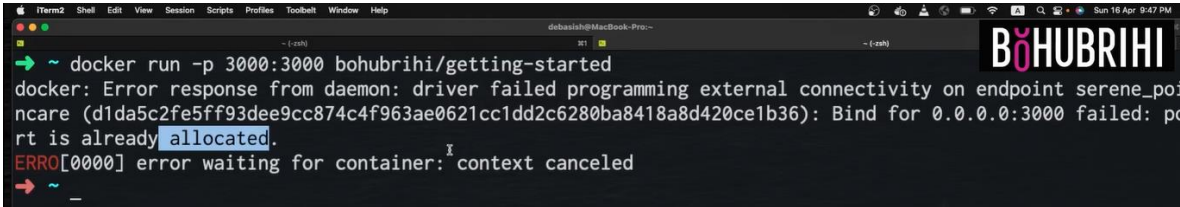


Docker Tutorial Part-4:

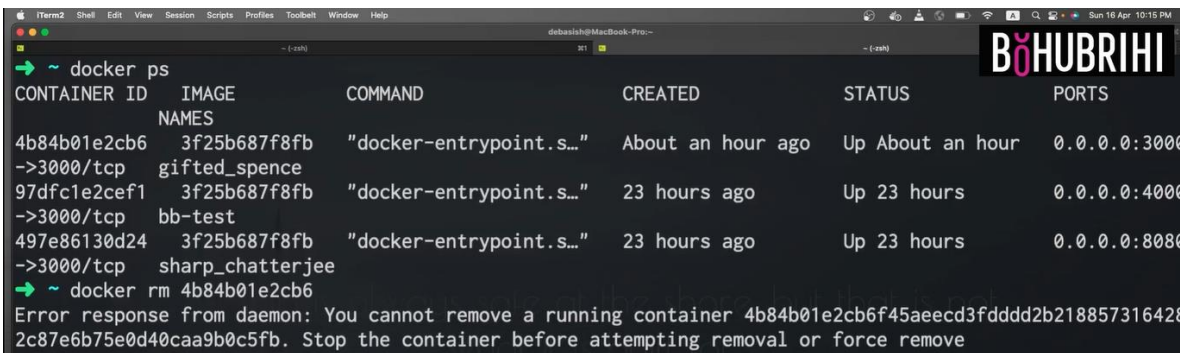
- How to Solve Docker Image Running Error,

Problem-1: we can't run multiple container in same port



```
~ docker run -p 3000:3000 bohubrihi/getting-started
docker: Error response from daemon: driver failed programming external connectivity on endpoint serene_poi
ncare (d1da5c2fe5ff93dee9cc874c4f963ae0621cc1dd2c6280ba8418a8d420ce1b36): Bind for 0.0.0.0:3000 failed: po
rt is already allocated.
ERRO[0000] error waiting for container: context canceled
```

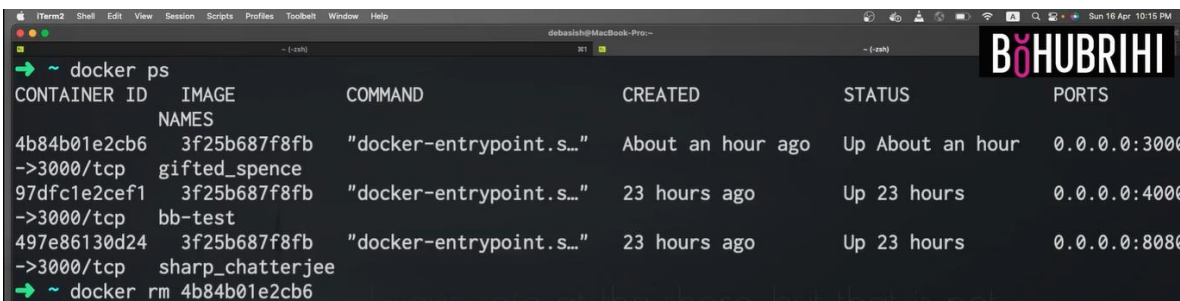
Problem-2: we can't remove running container



```
~ docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS
4b84b01e2cb6   3f25b687f8fb "docker-entrypoint.s..." About an hour ago Up About an hour 0.0.0.0:3000
->3000/tcp    gifted_spence
97dfc1e2cef1   3f25b687f8fb "docker-entrypoint.s..." 23 hours ago   Up 23 hours   0.0.0.0:4000
->3000/tcp    bb-test
497e86130d24   3f25b687f8fb "docker-entrypoint.s..." 23 hours ago   Up 23 hours   0.0.0.0:8080
->3000/tcp    sharp_chatterjee
~ docker rm 4b84b01e2cb6
Error response from daemon: You cannot remove a running container 4b84b01e2cb6f45aeecd3fddddd2b218857316428
2c87e6b75e0d40caa9b0c5fb. Stop the container before attempting removal or force remove
```

Solution of Problem-1: remove unnecessary container

```
docker rm 4b84b01e2cb6 <--| //docker remove containernumber
```



```
~ docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS
4b84b01e2cb6   3f25b687f8fb "docker-entrypoint.s..." About an hour ago Up About an hour 0.0.0.0:3000
->3000/tcp    gifted_spence
97dfc1e2cef1   3f25b687f8fb "docker-entrypoint.s..." 23 hours ago   Up 23 hours   0.0.0.0:4000
->3000/tcp    bb-test
497e86130d24   3f25b687f8fb "docker-entrypoint.s..." 23 hours ago   Up 23 hours   0.0.0.0:8080
->3000/tcp    sharp_chatterjee
~ docker rm 4b84b01e2cb6
```

Solution of Problem-2:

- Stop running container
- Remove container

```
docker stop 4b84b01e2cb6 <--| //docker stop containernumber
```

```
docker rm 4b84b01e2cb6 <--| //docker remove containernumber
```

```

➔ ~ docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS
NAMES
4b84b01e2cb6   3f25b687f8fb                       "docker-entrypoint.s..." About an hour ago Up About an hour 0.0.0.0:3000->3000/tcp
->3000/tcp    gifted_spence
97dfc1e2cef1   3f25b687f8fb                       "docker-entrypoint.s..." 23 hours ago   Up 23 hours    0.0.0.0:4000->3000/tcp
->3000/tcp    bb-test
497e86130d24   3f25b687f8fb                       "docker-entrypoint.s..." 23 hours ago   Up 23 hours    0.0.0.0:8080->3000/tcp
->3000/tcp    sharp_chatterjee
➔ ~ docker rm 4b84b01e2cb6
Error response from daemon: You cannot remove a running container 4b84b01e2cb6f45aeecd3fddddd2b2188573164282c87e6b75e0d40caa9b0c5fb. Stop the container before attempting removal or force remove
➔ ~ docker stop 4b84b01e2cb6
4b84b01e2cb6
➔ ~ docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS
NAMES
97dfc1e2cef1   3f25b687f8fb                       "docker-entrypoint.s..." 23 hours ago   Up 23 hours    0.0.0.0:4000->3000/tcp
bb-test
497e86130d24   3f25b687f8fb                       "docker-entrypoint.s..." 23 hours ago   Up 23 hours    0.0.0.0:8080->3000/tcp
sharp_chatterjee
➔ ~ docker rm 4b84b01e2cb6
4b84b01e2cb6
➔ ~

```

