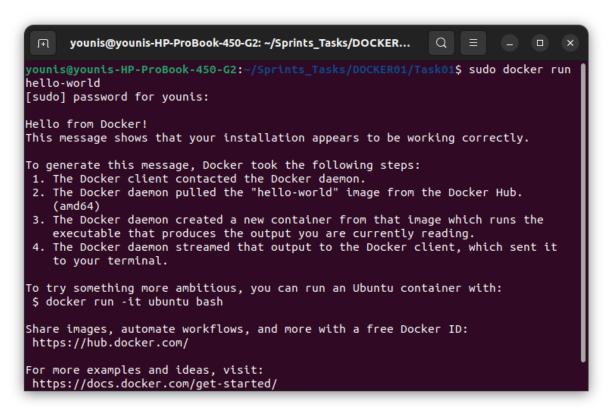
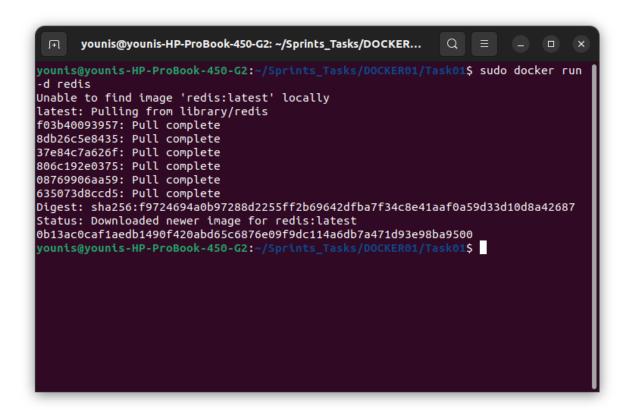
check the docker version installed

```
younis@younis-HP-ProBook-450-G2: ~/Sprints_Tasks/DOCKER01/Task01$ docker --version Docker version 24.0.1, build 6802122 younis@younis-HP-ProBook-450-G2: ~/Sprints_Tasks/DOCKER01/Task01$
```

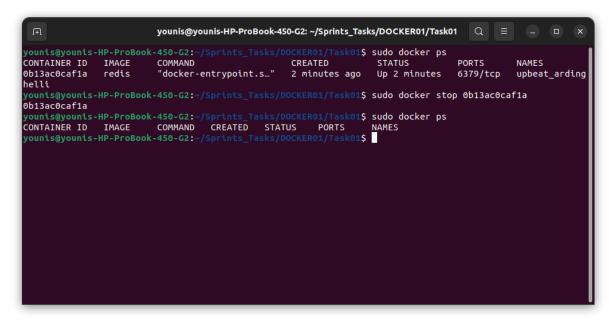
run docker container for hello-world



run docker container redis in detached mode



try to stop the running redis container



check the present container on the host

```
younis@younis-HP-ProBook-450-G2: ~/Sprints_Tasks/DOCKER01/Task01 🔍 🗏
                                         _Tasks/DOCKER01/Task01$ sudo docker ps -a
CONTAINER ID
              IMAGE
                                   COMMAND
            NAMES
  PORTS
               redis
0b13ac0caf1a
                                   "docker-entrypoint.s.."
                                                           4 minutes ago
                                                                            Exited (0) About a minute ago
            upbeat_ardinghelli
ce8e6d756724
                                   "/hello"
                                                            6 minutes ago
                                                                            Exited (0) 5 minutes ago
              hello-world
            sweet dhawan
796d70e7a7b3
              nginxdocker-image
                                   "/docker-entrypoint..."
                                                                            Exited (0) 4 days ago
                                                           6 days ago
            sharp_merkle
ff9a57e3e326
              nginxdocker-image
                                   "/docker-entrypoint..."
                                                           6 days ago
                                                                            Created
            mystifying_rubin
                                  "/docker-entrypoint..." 6 days ago
d106ded31ef1
              nginxdocker-image
                                                                            Created
            heuristic_mccarthy
              nginxdocker-image
                                   "/docker-entrypoint..." 6 days ago
                                                                            Exited (0) 4 days ago
9a155d3a989e
            jovial_cartwright
3fa3b2077bb3
              nginxdocker-image
                                   "/docker-entrypoint...." 6 days ago
                                                                            Exited (0) 4 days ago
            eloquent_hoover
d9ee780a2977
              hello-world
                                   "/hello"
                                                                            Exited (0) 7 days ago
                                                            7 days ago
            frosty_leavitt
```

check the ID of the redis container

```
younis@younis-HP-ProBook-450-G2: ~/Sprints_Tasks/DOCKER01/Task01 Q = - □ ×

younis@younis-HP-ProBook-450-G2: ~/Sprints_Tasks/DOCKER01/Task01$ sudo docker ps -a

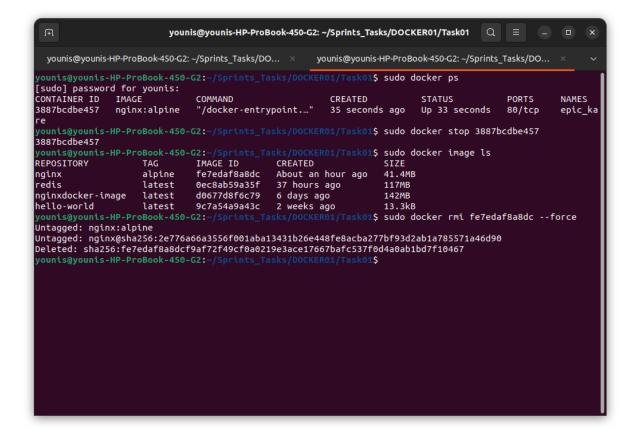
CONTAINER ID IMAGE COMMAND CREATED STATUS

PORTS NAMES

@b13ac0caf1a redis "docker-entrypoint.s..." 4 minutes ago Exited (0) About a minute ago upbeat_ardinghelli
```

try to run a container from nginx:alpine and delete image

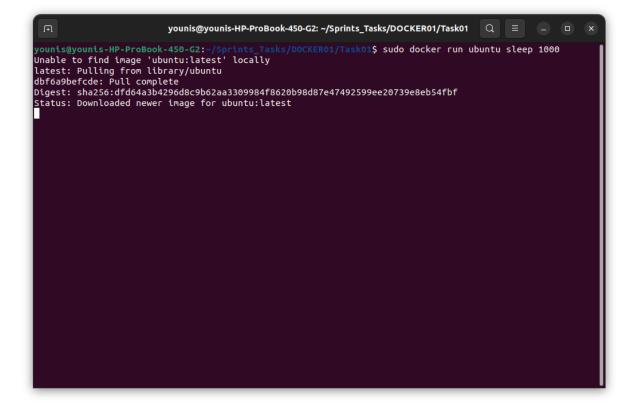
```
younis@younis-HP-ProBook-450-G2: ~/Sprints_Tasks/DOCKER01/Task01 Q =
younis@younis-HP-ProBook-450-G2:~/Sprints_Ta
Unable to find image 'nginx:alpine' locally
alpine: Pulling from library/nginx
                                                                                                    Tasks/DOCKER01/Task01$ sudo docker run nginx:alpine
f56be85fc22e: Pull complete
97c80f11709c: Pull complete
afb503c1f124: Pull complete
f8c948b732dd: Pull complete
d021bba29710: Pull complete
 cadcca1af197: Pull complete
 .
4aacde79cec4: Pull complete
Digest: sha256:2e776a66a3556f001aba13431b26e448fe8acba277bf93d2ab1a785571a46d90
Status: Downloaded newer image for nginx:alpine
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration /docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/ /docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh 10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf 10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.cor/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh /docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh /docker-entrypoint.sh: Configuration complete; ready for start up 2023/05/24 23:43:28 [notice] 1#1: using the "epoll" event method 2023/05/24 23:43:28 [notice] 1#1: nginx/1.25.0 2023/05/24 23:43:28 [notice] 1#1: built by gcc 12.2.1 20220924 (Alpine 12.2.1_git20220924-r4) 2023/05/24 23:43:28 [notice] 1#1: oS: Linux 5.19.0-41-generic 2023/05/24 23:43:28 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576 2023/05/24 23:43:28 [notice] 1#1: start worker processes
2023/05/24 23:43:28
                                                                    1#1: start worker processes
                                                [notice]
2023/05/24 23:43:28
2023/05/24 23:43:28
                                                [notice]
                                                                    1#1: start worker process 31
                                                [notice]
                                                                    1#1: start worker process 32
2023/05/24 23:43:28
                                                [notice]
                                                                    1#1: start worker process 33
2023/05/24 23:43:28 [notice] 1#1: start worker process 34
2023/05/24 23:43:34 [notice] 1#1: signal 28 (SIGWINCH) received
2023/05/24 23:43:34 [notice] 1#1: signal 28 (SIGWINCH) received
```



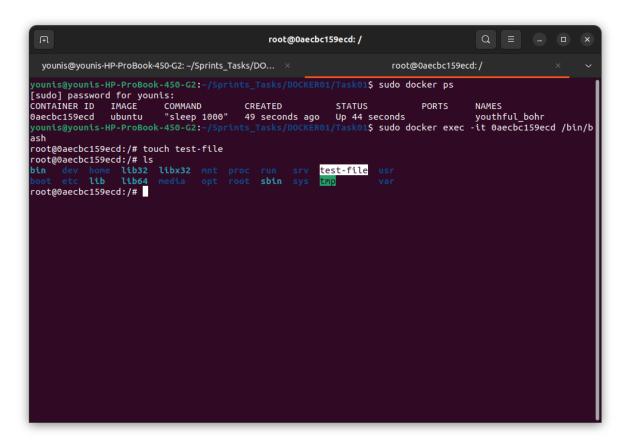
delete the image redis

```
younis@younis-HP-ProBook-450-G2: ~/Sprints_Tasks/DOCKER01/Task01
  younis@younis-HP-ProBook-450-G... × younis@younis-HP-ProBook-450-G... × younis@younis-HP-ProBook-450-G...
younis@younis-HP-ProBook-450-G2:~/Sprints_Tasks/DOCKER01/Task01$ sudo docker image ls
[sudo] password for younis:
REPOSITORY
                    TAG
                              IMAGE ID
                                              CREATED
                                                             SIZE
                              0ec8ab59a35f
redis
                    latest
                                             37 hours ago
                                                             117MB
                                            6 days ago
2 weeks ago
nginxdocker-image
                    latest
                              d0677d8f6c79
                                                             142MB
                            9c7a54a9a43c
hello-world
                                                             13.3kB
                    latest
younis@younis-HP-ProBook-450-G2:~/Sprints_Tasks/DOCKER01/Task01$ sudo docker_rmi 0ec8ab59a35f --force
Untagged: redis:latest
Untagged: redis@sha256:f9724694a0b97288d2255ff2b69642dfba7f34c8e41aaf0a59d33d10d8a42687
Deleted: sha256:0ec8ab59a35faa3aaee416630128e11949d44ac82d15d43053f8af5d61182a5d
```

Run an instance of the ubuntu image to run the sleep 1000 command at startup.



Exec into the container and touch a file called test-file



Run a container with the nginx:alpine image and name it web

```
younis@younis-HP-ProBook-450-G2: -/Sprints_Tasks/DO... × younis@younis-HP-ProBook-450-G2: -/Sprints_Tasks/DO... × younis@younis-HP-ProBook-450-G2: -/Sprints_Tasks/DO... × younis@younis-HP-ProBook-450-G2: -/Sprints_Tasks/DO... × vounis@younis-HP-ProBook-450-G2: -/Sprints_Tasks/Do... * vounis@younis-HP-ProBook-450-G2: -/Sprints_Tasks/Do... * vounis@younis-HP-ProBook-450-G2: -/Sprints_Tasks/Do
```

delete all the images from the host

```
younis@younis-HP-ProBook-450-G2: ~/Sprints_Tasks/DOCKER01/Task01 □ □
                                     younis@younis-HP-ProBook-450-G... ×
  younis@younis-HP-ProBook-450-G... ×
                                                                          younis@younis-HP-ProBook-450-G...
                                             _Tasks/DOCKER01/Task01$ sudo docker image ls
younis@younis-HP-ProBook-450-G2:~/Sprints
REPOSITORY
                     TAG
                                    IMAGE ID
                                                    CREATED
                                                                    SIZE
nginx
                     alpine
                                    fe7edaf8a8dc
                                                   2 hours ago
                                                                    41.4MB
nginxdocker-image
                     latest
                                                    6 days ago
                                    d0677d8f6c79
                                                                    142MB
                                                                    13.3kB
77.8MB
hello-world
                     latest
                                    9c7a54a9a43c
                                                    2 weeks ago
ubuntu
                     latest
                                    3b418d7b466a
                                                    4 weeks ago
nginx
                     1.14-alpine
                                    8a2fb25a19f5
                                                    4 years ago
                                                                   16MB
vounis@vounis-HP-ProBook-450-G2:~
                                                ks/DOCKER01/Task01$ sudo docker rmi -f fe7edaf8a8dc d0677d8f
6c79 9c7a54a9a43c 3b418d7b466a 8a2fb25a19f5
Untagged: nginx:alpine
Untagged: nginx@sha256:2e776a66a3556f001aba13431b26e448fe8acba277bf93d2ab1a785571a46d90
Deleted: sha256:fe7edaf8a8dcf9af72f49cf0a0219e3ace17667bafc537f0d4a0ab1bd7f10467
Untagged: nginxdocker-image:latest
Deleted: sha256:d0677d8f6c79f68faca64d95a822efbb5512573ad6a1a335003edc0959badc21
Untagged: hello-world:latest
Unitagged: hello-world@sha256:fc6cf906cbfa013e80938cdf0bb199fbdbb86d6e3e013783e5a766f50f5dbce0
Deleted: sha256:9c7a54a9a43cca047013b82af109fe963fde787f63f9e016fdc3384500c2823d
Untagged: ubuntu:latest
Untagged: ubuntu@sha256:dfd64a3b4296d8c9b62aa3309984f8620b98d87e47492599ee20739e8eb54fbf
Deleted: sha256:3b418d7b466ac6275a6bfcb0c86fbe4422ff6ea0af444a294f82d3bf5173ce74
Untagged: nginx:1.14-alpine
Untagged: nginx@sha256:485b610fefec7ff6c463ced9623314a04ed67e3945b9c08d7e53a47f6d108dc7
Deleted: sha256:8a2fb25a19f5dc1528b7a3fabe8b3145ff57fe10e4f1edac6c718a3cf4aa4b73
Deleted: sha256:f68a8bcb9dbd06e0d2750eabf63c45f51734a72831ed650d2349775865d5fc20
Deleted: sha256:cbf2c7789332fe231e8defa490527a7b2c3ae8589997ceee00895f3263f0a8cf
Deleted: sha256:894f3fad7e6ecd7f24e88340a44b7b73663a85c0eb7740e7ade169e9d8491a4c
Deleted: sha256:a464c54f93a9e88fc1d33df1e0e39cca427d60145a360962e8f19a1dbf900da9
                                                       KER01/Task01$ sudo docker image ls
REPOSITORY TAG IMAGE ID CREATED SIZE younis@younis-HP-ProBook-450-G2:~/Sprints_Tasks/DOCKER01/Task01$
REPOSITORY TAG
```