```
yolsuh@lenovo:~$ docker run nginx
Unable to find image 'nginx:latest' locally
latest: Pulling from library/nginx
ae13dd578326: Already exists
6c0ee9353e13: Pull complete
dca7733b187e: Pull complete
252e5a6cac26: Pull complete
```

```
yolsuh@lenovo:~$ docker run hello-world

Hello from Docker!
This message shows that your installation appears to

To generate this message, Docker took the following
 1. The Docker client contacted the Docker daemon.
 2. The Docker daemon pulled the "hello-world" image
    (amd64)
 3. The Docker daemon created a new container from t
```

```
yolsuh@lenovo:~$ docker run gradle
Unable to find image 'gradle:latest' locally
latest: Pulling from library/gradle
4d32b49e2995: Downloading  4.991MB/28.57MB
2e7405b632dc: Downloading  8.469MB/19.77MB
```

```
yolsuh@lenovo:~$ docker ps -a
CONTAINER ID   IMAGE           COMMAND                CREATED         STATUS                      PORTS      NAME
d9c2af6bb991   gradle          "gradle"               4 minutes ago   Up 5 seconds                           eag
6072c3cede19   hello-world     "/hello"               12 minutes ago  Exited (0) 7 seconds ago               wiz
3dbf9a519629   nginx           "/docker-entrypoint.…" 25 minutes ago  Exited (0) 15 minutes ago              ins
```

```
yolsuh@lenovo:~$ docker stop d9c2
d9c2
yolsuh@lenovo:~$ docker stop 6072
6072
yolsuh@lenovo:~$ docker ps -a
CONTAINER ID   IMAGE                  COMMAND                CREATED           STATUS
d9c2af6bb991   gradle                 "gradle"               About a minute ago Exited (0) About a minute ago
6072c3cede19   hello-world            "/hello"               9 minutes ago     Exited (0) 9 minutes ago
3dbf9a519629   nginx                  "/docker-entrypoint.…" 22 minutes ago    Exited (0) 12 minutes ago
9087d96adeb7   ubuntu:16.04           "/bin/bash"            26 hours ago      Exited (127) 26 hours ago
2521ac508c14   ubuntu:16.04           "/bin/bash"            2 days ago        Exited (0) 2 days ago
37f4ade21b36   ubuntu:16.04           "/bin/bash"            2 days ago        Exited (0) 2 days ago
35cc492a5b75   ubuntu:16.04           "/bin/echo 'Hello Su…" 2 days ago        Exited (0) 2 days ago
357915e66e6c   ubuntu                 "bash"                 2 weeks ago       Exited (0) 2 weeks ago
2b1136999d40   ubuntu                 "bash"                 2 weeks ago       Exited (0) 2 weeks ago
ef10ceca9a09   suhrab                 "docker-entrypoint.s…" 2 weeks ago       Exited (0) 2 weeks ago
5401d6509556   docker/getting-started "/docker-entrypoint.…" 2 weeks ago       Exited (0) 2 weeks ago
yolsuh@lenovo:~$
```

```
yolsuh@lenovo:~$ docker ps -a
CONTAINER ID   IMAGE                   COMMAND                  CREATED          STATUS                      PORTS
d9c2af6bb991   gradle                  "gradle"                 6 minutes ago    Exited (0) About a minute ago
6072c3cede19   hello-world             "/hello"                 14 minutes ago   Exited (0) About a minute ago
3dbf9a519629   nginx                   "/docker-entrypoint.…"   27 minutes ago   Exited (0) 17 minutes ago
9087d96adeb7   ubuntu:16.04            "/bin/bash"              26 hours ago     Exited (127) 26 hours ago
2521ac508c14   ubuntu:16.04            "/bin/bash"              2 days ago       Exited (0) 2 days ago
37f4ade21b36   ubuntu:16.04            "/bin/bash"              2 days ago       Exited (0) 2 days ago
35cc492a5b75   ubuntu:16.04            "/bin/echo 'Hello Su…"   2 days ago       Exited (0) 2 days ago
357915e66e6c   ubuntu                  "bash"                   2 weeks ago      Exited (0) 2 weeks ago
2b1136999d40   ubuntu                  "bash"                   2 weeks ago      Exited (0) 2 weeks ago
ef10ceca9a09   suhrab                  "docker-entrypoint.s…"   2 weeks ago      Exited (0) 2 weeks ago
5401d6509556   docker/getting-started  "/docker-entrypoint.…"   2 weeks ago      Exited (0) 2 weeks ago
yolsuh@lenovo:~$ docker rm d9c2
d9c2
yolsuh@lenovo:~$ docker rm 3dbf
3dbf
yolsuh@lenovo:~$ docker ps -a
CONTAINER ID   IMAGE                   COMMAND                  CREATED          STATUS                      PORTS          NA
6072c3cede19   hello-world             "/hello"                 15 minutes ago   Exited (0) 3 minutes ago                   wi
9087d96adeb7   ubuntu:16.04            "/bin/bash"              26 hours ago     Exited (127) 26 hours ago                  re
2521ac508c14   ubuntu:16.04            "/bin/bash"              2 days ago       Exited (0) 2 days ago                      op
37f4ade21b36   ubuntu:16.04            "/bin/bash"              2 days ago       Exited (0) 2 days ago                      fl
35cc492a5b75   ubuntu:16.04            "/bin/echo 'Hello Su…"   2 days ago       Exited (0) 2 days ago                      el
357915e66e6c   ubuntu                  "bash"                   2 weeks ago      Exited (0) 2 weeks ago                     fr
2b1136999d40   ubuntu                  "bash"                   2 weeks ago      Exited (0) 2 weeks ago                     ex
ef10ceca9a09   suhrab                  "docker-entrypoint.s…"   2 weeks ago      Exited (0) 2 weeks ago                     ro
5401d6509556   docker/getting-started  "/docker-entrypoint.…"   2 weeks ago      Exited (0) 2 weeks ago                     aw
```

```
yolsuh@lenovo:~$ docker images
REPOSITORY                 TAG        IMAGE ID        CREATED          SIZE
suhraby/ping               latest     debb15fec9d0    24 hours ago     135MB
<none>                     <none>     63f34fd1fc4e    24 hours ago     170MB
suhrab/ping                latest     3d2e70b75f87    24 hours ago     170MB
delner/ping                latest     d06488e6dceb    24 hours ago     170MB
gradle                     latest     142325a99f03    6 days ago       780MB
ubuntu                     18.04      b67d6ac264e4    9 days ago       63.2MB
nginx                      latest     f2f70adc5d89    9 days ago       142MB
httpd                      2.4        b9bd7e513e0f    9 days ago       144MB
postgres                   latest     5cd1494671e9    9 days ago       376MB
suhrab                     latest     f06eadf1e89b    2 weeks ago      168MB
ubuntu                     latest     2b4cba85892a    3 weeks ago      72.8MB
docker/getting-started     latest     bd9a9f733898    6 weeks ago      28.8MB
hello-world                latest     feb5d9fea6a5    6 months ago     13.3kB
ubuntu                     16.04      b6f507652425    6 months ago     135MB
yolsuh@lenovo:~$ docker rmi debb15
Untagged: suhraby/ping:latest
Deleted: sha256:debb15fec9d046c60011f14a038870f385e05a8e14ed1501f1574b9b
yolsuh@lenovo:~$ docker rmi 63f3
Deleted: sha256:63f34fd1fc4e4f4519c65ac606660d08210914b4c754c3c4cfc11cba
yolsuh@lenovo:~$ docker rmi 3d2e
Untagged: suhrab/ping:latest
Deleted: sha256:3d2e70b75f87807664164b0d9b00395eaa3fde6577eed31d1835e55
yolsuh@lenovo:~$ docker rmi d064
Untagged: delner/ping:latest
Deleted: sha256:d06488e6dceb2e11410e911bef20a1bc29791e1cdbd84d67cd7ac4d8
Deleted: sha256:9a03ed62cb21809bdb270e04e9c179ebb6bb077b79b57df8250d72a
yolsuh@lenovo:~$ docker images
REPOSITORY                 TAG        IMAGE ID        CREATED          SIZE
gradle                     latest     142325a99f03    6 days ago       780MB
ubuntu                     18.04      b67d6ac264e4    9 days ago       63.2MB
nginx                      latest     f2f70adc5d89    9 days ago       142MB
httpd                      2.4        b9bd7e513e0f    9 days ago       144MB
postgres                   latest     5cd1494671e9    9 days ago       376MB
suhrab                     latest     f06eadf1e89b    2 weeks ago      168MB
ubuntu                     latest     2b4cba85892a    3 weeks ago      72.8MB
docker/getting-started     latest     bd9a9f733898    6 weeks ago      28.8MB
hello-world                latest     feb5d9fea6a5    6 months ago     13.3kB
ubuntu                     16.04      b6f507652425    6 months ago     135MB
yolsuh@lenovo:~$
```

```
yolsuh@lenovo:~$ docker run -it devopsdockeruh/pull_exercise
Give me the password: basics
You found the correct password. Secret message is:
"This is the secret message"

yolsuh@lenovo:~$
```

```
yolsuh@lenovo:~$ docker run -it devopsdockeruh/exec_bash_exercise
Wrote to file /usr/app/logs.txt
Wrote to file /usr/app/logs.txt
Wrote to file /usr/app/logs.txt
Wrote to file /usr/app/logs.txt
Wrote to file /usr/app/logs.txt
Wrote to file /usr/app/logs.txt
```

```
yolsuh@lenovo:~$ docker run -d -it --name Yoldash ubuntu
6ed419b493f422542cb273735546739cad26689572eaa1c8db6b52a59bfbfacc
yolsuh@lenovo:~$ docker ps -a
CONTAINER ID   IMAGE                                 COMMAND                 CREATED          STATUS                     PORTS     NAMES
6ed419b493f4   ubuntu                                "bash"                  23 seconds ago   Up 18 seconds                        Yoldash
57524338efd5   devopsdockeruh/exec_bash_exercise     "docker-entrypoint.s…"  2 minutes ago    Exited (0) About a minute ago        amazing_al
61d5d29bc331   devopsdockeruh/exec_bash_exercise     "docker-entrypoint.s…"  32 minutes ago   Exited (0) 10 minutes ago            nice_wilso
```

```
yolsuh@lenovo:~$ docker exec -it Yoldash tree
OCI runtime exec failed: exec failed: container_linux.go:380: starting container process caused: exec: "tree": executable file not found in $PATH: unknown
yolsuh@lenovo:~$
```