```
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python# docker -v
Docker version 20.10.12, build 20.10.12-0ubuntu2~20.04.1
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python# uname -a
Linux ss 5.15.0-52-generic #58~20.04.1-Ubuntu SMP Thu Oct 13 13:09:46 UTC 2022 x
86_64 x86_64 x86_64 GNU/Linux
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python# free -h
              total        used        free      shared  buff/cache   available
Mem:          969Mi       221Mi       249Mi        11Mi       498Mi       578Mi
Swap:         1.9Gi        82Mi       1.8Gi
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python# ps
    PID TTY          TIME CMD
   3137 pts/1    00:00:00 sudo
   3138 pts/1    00:00:00 su
   3139 pts/1    00:00:00 bash
  67577 pts/1    00:00:00 ps
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python# top
top - 16:34:45 up 44 min,  2 users,  load average: 0.00, 0.25, 0.62
Tasks: 145 total,   1 running, 144 sleeping,   0 stopped,   0 zombie
%Cpu(s):  0.7 us,  0.0 sy,  0.0 ni, 99.3 id,  0.0 wa,  0.0 hi,  0.0 si,  0.0 st
MiB Mem :    969.6 total,    249.6 free,    220.3 used,    499.7 buff/cache
MiB Swap:   1962.0 total,   1880.2 free,     81.8 used.    579.7 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
     14 root      20   0       0      0      0 I   0.3   0.0   0:02.88 rcu_sch+
    846 root      20   0  396376   9504   5172 S   0.3   1.0   0:02.04 f2b/ser+
   2938 root      20   0       0      0      0 I   0.3   0.0   0:02.25 kworker+
  67578 root      20   0    9280   3788   3224 R   0.3   0.4   0:00.20 top
      1 root      20   0  171400  11992   6908 S   0.0   1.2   0:11.27 systemd
      2 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kthreadd
      3 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 rcu_gp
      4 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 rcu_par+
      5 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 netns
```

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root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python# docker run -d -p 8082:80 --name nginx-5 nginx:1.19
e9e1052e5bb50ef7be1f5189304c3a88604b1c6a12363d1e1a90d5404ded1b83
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python# docker ps
CONTAINER ID    IMAGE          COMMAND                     CREATED          STATUS
      PORTS                                  NAMES
e9e1052e5bb5    nginx:1.19    "/docker-entrypoint.…"    32 seconds ago    Up 30 seco
nds    0.0.0.0:8082->80/tcp, :::8082->80/tcp    nginx-5
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python# docker ps -a
CONTAINER ID    IMAGE          COMMAND                     CREATED          STAT
US                            PORTS                              NAMES
e9e1052e5bb5    nginx:1.19    "/docker-entrypoint.…"    56 seconds ago      Up 5
4 seconds                    0.0.0.0:8082->80/tcp, :::8082->80/tcp    nginx-5
d731e297beb8    b246f06b1d1a   "/bin/sh -c 'python …"    About a minute ago    Exit
ed (2) About a minute ago                                    cranky_thar
p
6a1b62607ab1    nginx:1.19    "/docker-entrypoint.…"    7 days ago           Exit
ed (255) About an hour ago    0.0.0.0:8082->80/tcp, :::8082->80/tcp    nginx-4
976f6c64c1c0    nginx          "/docker-entrypoint.…"    7 days ago           Exit
ed (0) 7 days ago                                            practical_p
tolemy
407a7b2dd383    ubuntu         "bash"                     7 days ago           Exit
ed (127) 7 days ago                                          sad_kowalev
ski
41c0435edb9f    hello-world    "/hello"                   7 days ago           Exit
ed (0) 7 days ago                                            clever_sino
ussi
root@ss:~/docker/python#
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root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python#
root@ss:~/docker/python# curl localhost:8082
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
    body {
        width: 35em;
        margin: 0 auto;
        font-family: Tahoma, Verdana, Arial, sans-serif;
```

```
CONTAINER ID    IMAGE           COMMAND                 CREATED                 STAT
US                              PORTS                                   NAMES
e9e1052e5bb5    nginx:1.19      "/docker-entrypoint.…"  56 seconds ago          Up 5
4 seconds                       0.0.0.0:8082->80/tcp, :::8082->80/tcp   nginx-5
d731e297beb8    b246f06b1d1a    "/bin/sh -c 'python …"  About a minute ago      Exit
ed (2) About a minute ago                                               cranky_thar
p
6a1b62607ab1    nginx:1.19      "/docker-entrypoint.…"  7 days ago              Exit
ed (255) About an hour ago      0.0.0.0:8082->80/tcp, :::8082->80/tcp   nginx-4
976f6c64c1c0    nginx           "/docker-entrypoint.…"  7 days ago              Exit
ed (0) 7 days ago                                                       practical_p
tolemy
407a7b2dd383    ubuntu          "bash"                  7 days ago              Exit
ed (127) 7 days ago                                                     sad_kowalev
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41c0435edb9f    hello-world     "/hello"                7 days ago              Exit
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<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
    body {
        width: 35em;
        margin: 0 auto;
        font-family: Tahoma, Verdana, Arial, sans-serif;
    }
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
<p>If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.</p>

<p>For online documentation and support please refer to
<a href="http://nginx.org/">nginx.org</a>.<br/>
Commercial support is available at
<a href="http://nginx.com/">nginx.com</a>.</p>

<p><em>Thank you for using nginx.</em></p>
</body>
</html>
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