بهنام خدا

devops@ubuntu–server:~\$ curl –fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg ––dearmor

تمرين اول:

```
-o /usr/share/keyrings/docker.gpg
devops@ubuntu–server:~$ echo \
> "deb [arch=$(dpkg ––print–architecture) signed–by=/usr/share/keyrings/docker.gpg] \
  https://download.docker.com/linux/ubuntu \
  $(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
devops@ubuntu–server:~$ cat /etc/apt/sources.list.d/docker.list
deb [arch=amd64 signed-by=/usr/share/keyrings/docker.gpg] https://download.docker.com/linux/ubuntu
ammy stable
devops@ubuntu–server:~$
devops@ubuntu–server:~$ sudo systemctl start docker
devops@ubuntu–server:~$ sudo systemctl enable docker
Synchronizing state of docker.service with SysV service script with /lib/systemd/systemd–sysv–instal
Executing: /lib/systemd/systemd–sysv–install enable docker
devops@ubuntu_server:~$ docker --version

Docker version 28.4.0, build d8eb465

devops@ubuntu_server:~$ sudo docker run hello—world

Unable to find image 'hello—world:latest' locally

latest: Pulling from library/hello—world

17eec7bbc9d7: Pull complete
Digest: sha256:54e66cc1dd1fcb1c3c58bd8017914dbed8701e2d8c74d9262e26bd9cc1642d31
Status: Downloaded newer image for hello–world:latest
Hello from Docker!
This message shows that your installation appears to be working correctly.
To generate this message, Docker took the following steps:
1. The Docker client contacted the Docker daemon.
 2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
     (amd64)
 The Docker daemon created a new container from that image which runs the
executable that produces the output you are currently reading.
 4. The Docker daemon streamed that output to the Docker client, which sent it
     to your terminal.
To try something more ambitious, you can run an Ubuntu container with:
 $ docker run –it ubuntu bash
Share images, automate workflows, and more with a free Docker ID:
 https://hub.docker.com/
 For more examples and ideas, visit:
https://docs.docker.com/get-started/
devops@ubuntu–server:~$
```

```
devops@ubuntu–server:~$ sudo docker ps
CONTAINER ID IMAGE
                        COMMAND CREATED
                                              STATUS
                                                        PORTS
                                                                  NAMES
devops@ubuntu–server:~$ sudo docker ps –a
                             COMMAND
"/hello"
CONTAINER ID
               IMAGE
                                        CREATED
                                                         STATUS
                                                                                     PORTS
                                                                                               NAMES
306c3e1cd99
                                                         Exited (0) 2 minutes ago
               hello-world
                                        2 minutes ago
                                                                                               vigilan
t_mendeleev
devops@ubuntu–server:~$ sudo docker images
                        IMAGE ID
REPOSITORY
              TAG
                                       CREATED
                                                      SIZE
                        1b44b5a3e06a
nello-world
                                      6 weeks ago
                                                      10.1kB
              latest
devops@ubuntu–server:~$ sudo docker run –it ubuntu bash
Unable to find image 'ubuntu:latest' locally
latest: Pulling from library/ubuntu
953cdd413371: Pull complete
Digest: sha256:353675e2a41babd526e2b837d7ec780c2a05bca0164f7ea5dbbd433d21d166fc
Status: Downloaded newer image for ubuntu:latest
oot@bc5f3c372f61:/# sudo docker ps
bash: sudo: command not found
root@bc5f3c372f61:/# exit
exit
devops@ubuntu–server:~$ docker ps
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock
 Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.51/containers/json": dial unix /var/run/docker.sock: cor
nect: permission denied
devops@ubuntu–server:~$ sudo docker ps
              IMAGE
                         COMMAND CREATED
                                              STATUS
                                                        PORTS
                                                                  NAMES
CONTAINER ID
devops@ubuntu–server:~$ sudo docker ps –a
CONTAINER ID
               IMAGE
                             COMMAND
                                                                                         PORTS
                                        CREATED
                                                          STATUS
                                                                                                    NAM
               ubuntu
                             "bash"
bc5f3c372f61
                                        51 seconds ago
                                                          Exited (127) 19 seconds ago
                                                                                                    heu
ristic_yalow
                             "/hello"
306c3e1cd99
                                        4 minutes ago
                                                          Exited (0) 4 minutes ago
              hello-world
                                                                                                    vig
ilant_mendeleev
devops@ubuntu–server:~$ sudo docker images
REPOSITORY
                        IMAGE ID
              TAG
                                        CREATED
                                                      SIZE
                                                      78.1MB
                        6d79abd4c962
ubuntu
              latest
                                        2 weeks ago
hello-world
                        1b44b5a3e06a
              latest
                                        6 weeks ago
                                                      10.1kB
devops@ubuntu–server:~$_
```

تمرین دوم:















