```
root@edb76e8a667e: /
user@user-vb:~/Загрузки$ echo some text > file_test.txt
user@user-vb:~/Загрузки$ ls -l
итого 8
-rw-rw-r-- 1 user user 10 июл 3 23:14 file_test.txt
drwxr-xr-x 6 vboxadd vboxsf 4096 июн 28 22:14 mariadb
user@user-vb:~/Загрузки$ cat file_test.txt
some text
user@user-vb:~/Загрузки$ touch Dockerfile
```

```
root@user-vb:/home/user/Загрузки# vi Dockerfile
root@user-vb:/home/user/Загрузки# cat Dockerfile
FROM mariadb:10.10.2
COPY file_test.txt /
root@user-vb:/home/user/Загрузки# docker build -t test-mariadb-2 .
[+] Building 0.6s (7/7) FINISHED
root@user-vb:/home/user/Загрузки# docker ps -a
CONTAINER ID IMAGE
                                                              CREATED
                                                                           STATUS
                                                                                                    PORTS
                                                                                                              NAMES
1d361053831d
              phpmyadmin/phpmyadmin
                                     "/docker-entrypoint..."
                                                              5 days ago Exited (0) 5 days ago
                                                                                                              my-phpmyadmin
7ba9610b2933
              mariadb:10.10.2
                                      "docker-entrypoint.s..."
                                                              5 days ago Exited (0) 5 days ago
                                                                                                              test-mariadb
f9a7875b5be4
              ubuntu:22.10
                                                              6 days ago Exited (129) 6 days ago
                                      "bash"
                                                                                                              gallant_kirch
aee00b77a9ae
              ubuntu:22.10
                                      "bash"
                                                              6 days ago Exited (0) 6 days ago
                                                                                                              stupefied_tharp
3448dba4a9db
              ubuntu
                                      "bash"
                                                              6 days ago Exited (0) 6 days ago
                                                                                                              nostalgic_haibt
                                                              6 days ago Exited (0) 6 days ago
a24e151e67e7
              hello-world
                                      "/hello"
                                                                                                              nervous_goldstine
root@user-vb:/home/user/Загрузки# docker images
                                 IMAGE ID
                                                                SIZE
REPOSITORY
                       TAG
                                               CREATED
test-mariadb-2
                       latest
                                 8baaa37845ed
                                               28 seconds ago
                                                                410MB
ubuntu
                       22.10
                                 e39f297e9dda 4 weeks ago
                                                                70.3MB
ubuntu
                       latest
                                 99284ca6cea0 4 weeks ago
                                                                77.8MB
hello-world
                       latest
                                 9c7a54a9a43c 2 months ago
                                                                13.3kB
phpmyadmin/phpmyadmin
                       latest
                                 e4be0d1537f5 3 months ago
                                                                517MB
                       10.10.2 039bd724508b 5 months ago
mariadb
                                                                419MB
root@user-vb:/home/user/Загрузки# docker run --name test-mariadb-2 -e MARIADB_ROOT_PASSWORD=test123 -d test-mariadb-2
edb76e8a667efdaff4c52cf5f8ef6691a799ec4bbf43b73e0fa92762f19c0c97
root@user-vb:/home/user/Загрузки# docker ps
CONTAINER ID IMAGE
                               COMMAND
                                                       CREATED
                                                                        STATUS
                                                                                       PORTS
                                                                                                  NAMES
edb76e8a667e test-mariadb-2 "docker-entrypoint.s..." 10 seconds ago
                                                                        Up 8 seconds
                                                                                                 test-mariadb-2
                                                                                       3306/tcp
root@user-vb:/home/user/Загрузки# docker exec -it edb76e8a667e bash
root@edb76e8a667e:/# ls -l
total 60
lrwxrwxrwx 1 root root 7 Jan 26 02:03 bin -> usr/bin
drwxr-xr-x 2 root root 4096 Apr 18 2022 boot
drwxr-xr-x 5 root root 340 Jul 3 20:31 dev
drwxr-xr-x 2 root root 4096 Jan 31 18:42 docker-entrypoint-initdb.d
drwxr-xr-x 1 root root 4096 Jul 3 20:31 etc
           1 root root 10 Jul 3 20:14 file_test.txt
-IM-IM-I--
drwxr-xr-x 2 root root 4096 Apr 18 2022 home
lrwxrwxrwx 1 root root 7 Jan 26 02:03 lib -> usr/lib
```

0

× + ~

root@edb76e8a667e: /

```
× + ~
root@edb76e8a667e: /
root@user-vb:/home/user/Загрузки# docker run --name my-phpmyadmin-2 -d --link test-mariadb-2:db -p 8081:80 phpmyadmin/phpmyadmin
c7b8e24bbaf6fad3a667998ef99cf777cefcb1bef3023e48b33ac665415a6360
root@user-vb:/home/user/Загрузки# docker exec -it edb76e8a667e bash
root@edb76e8a667e:/# show databases
bash: show: command not found
root@edb76e8a667e:/# mysql -u root -p
Enter password:
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)
root@edb76e8a667e:/# mysql -u root -p
Enter password:
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)
root@edb76e8a667e:/# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 19
Server version: 10.10.2-MariaDB-1:10.10.2+maria~ubu2204 mariadb.org binary distribution
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MariaDB [(none)]> show databses
   -> create database GB2;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'databses
create database GB2' at line 2
MariaDB [(none)]> create database GB2;
Ouery OK, 1 row affected (0.001 sec)
MariaDB [(none)]> use GB2;
Database changed
MariaDB [GB2]> create table user(id SERIAL PRIMARY KEY, firstname VAR
             VAR_SAMP
                            VARBINARY
                                         VARCHAR
                                                        VARCHARACTER VARIABLES
VAR_POP
                                                                                   VARIANCE
                                                                                                  VARYING
MariaDB [GB2]> create table user(id SERIAL PRIMARY KEY, firstname VARCHAR(25), age INT
               INT1
                              INT2
                                             INT3
                                                            INT4
                                                                                          INTEGER
                                                                                                         INTERIORRINGN INTERSECTS
                                                                                                                                       INTERVAL
                                                                                                                                                      INTO
INT
                                                                           INT8
MariaDB [GB2] > create table user(id SERIAL PRIMARY KEY, firstname VARCHAR(25), age INT);
Query OK, 0 rows affected (0.070 sec)
MariaDB [GB2] > insert into user(id, firstname, age) values (1, 'Artem', 30);
Ouery OK, 1 row affected (0.010 sec)
```



