czzoz@czzoz. \$ sudo docker run -u --name containeri -e mrsgc_koor_rassword -p ql:latest [sudo] password for czzoz: b4d192fdfd1de44ca571de715ddc3c129e7607693fda53590bed423ed5e500dc czzoz@czzoz:~\$ sudo docker exec –it container1 mysql –uroot –p Enter password: Welcome to the MySQL monitor. Commands end with ; or \g. Your MySQL connection id is 8

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Server version: 8.2.0 MySQL Community Server – GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>

```
Your MySQL connection id is 8
Server version: 8.2.0 MySQL Community Server – GPL
Copyright (c) 2000, 2023, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its
```

Welcome to the MySQL monitor. Commands end with ; or \g.

affiliates. Other names may be trademarks of their respective lowners. Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

musal> CREATE DATABASE Universitu; Query OK, 1 row affected (0.00 sec)

```
mysql> USE University;
```

Database changed mysql> CREATE TABLE Students (

Enter password:

```
-> id INT AUTO_INCREMENT PRIMARY KEY,
-> name VARCHAR(255),
```

-> course INT, -> GPA DECIMAL(3,2)

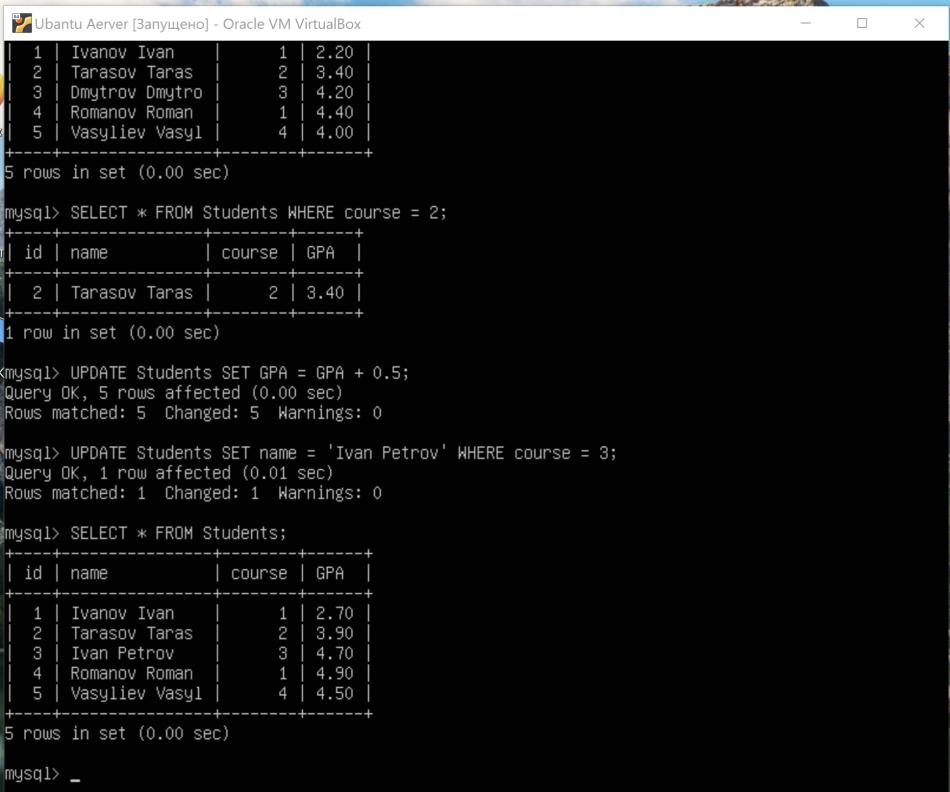
```
-> );
```

mysql>

Query OK, O rows affected (0.01 sec)

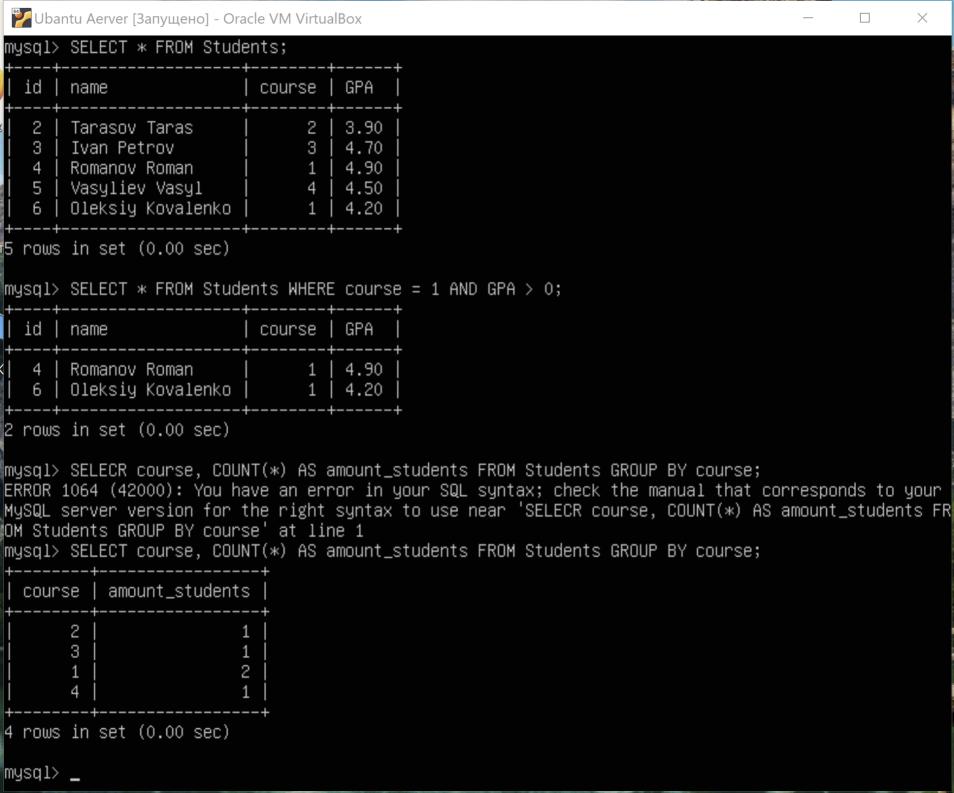
 \times

```
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                                                                                           X
    -> );
Query OK, O rows affected (0.01 sec)
mysql> INSERT INTO STUDENTS (name, course, GPA) VALUES
   -> ('Ivanov Ivan', 1, 2.2),
   -> ('Tarasov Taras', 2, 3.4),
   -> ('Dmytrov Dmytro', 3, 4.2),
   -> ('Romanov Roman', 1, 4.4),
   -> ('Vasyliev Vasyl
   -> , 4, 4);
ERROR 1146 (42SO2): Table 'University.STUDENTS' doesn't exist
mysql> INSERT INTO Students (name, course, GPA) VALUES ('Ivanov Ivan', 1, 2.2), ('Tarasov Taras', 2,
3.4), ('Dmytrov Dmytro', 3, 4.2), ('Romanov Roman', 1, 4.4), ('Vasyliev Vasyl' , 4, 4);
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0
(mysql> SELECT * FROM Students;
  id |
      name
                       course
      Ivanov Ivan
                               2.20
  1 |
  2
                             2 | 3.40
      Tarasov Taras
  3
                             3
      Dmytrov Dmytro
                               4.20
  4
      Romanov Roman
                            1
                                4.40
      Vasyliev Vasyl |
                                 4.00
                             4
5 rows in set (0.00 sec)
mysql> SELECT * FROM Students WHERE course = 2;
      name
                       course
      Tarasov Taras
                               3.40
1 row in set (0.00 sec)
mysql>
```



mysql> _

 \times



```
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                                                                                                  \times
5 rows in set (0.00 sec)
mysql> SELECT * FROM Students WHERE course = 1 AND GPA > 0;
     l name
                           course l
       Romanov Roman | 1 | 4.90
      Oleksiy Kovalenko |
2 rows in set (0.00 sec)
mysql> SELECR course, COUNT(*) AS amount_students FROM Students GROUP BY course;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your
MySQL server version for the right syntax to use near 'SELECR course, COUNT(*) AS amount_students FR
OM Students GROUP BY course' at line 1
(mysql> SELECT course, COUNT(*) AS amount_students FROM Students GROUP BY course;
  course | amount_students
       3
       1
4 rows in set (0.00 sec)
mysql> DROP TABLE IF EXISTS Students;
Query OK, O rows affected (0.01 sec)
mysql> DROP DATABASE IF EXIST University;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your
MySQL server version for the right syntax to use near 'EXIST University' at line 1
mysql> DROP DATABASE IF EXISTS University;
Query OK, O rows affected (0.00 sec)
mysql>
```