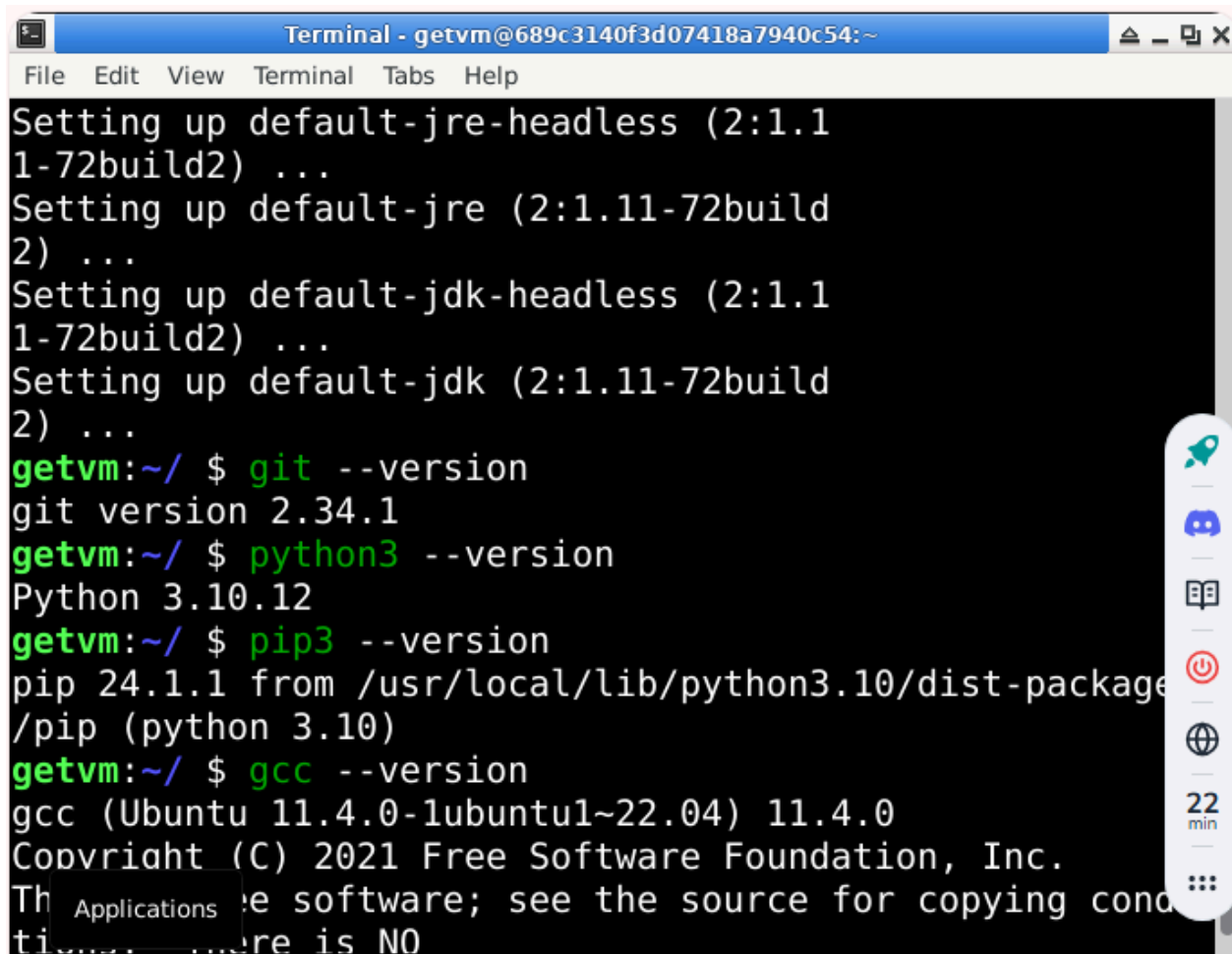


Step 1: Open Ubuntu Playground

1. Go to <https://getvm.io/>
2. Sign in with your provided credentials.
3. From the dashboard → Click **Ubuntu Playground**.
4. Press **Launch / Start Playground**.
5. Wait until you see the terminal.



```
Terminal - getvm@689c3140f3d07418a7940c54:~
File Edit View Terminal Tabs Help
Setting up default-jre-headless (2:1.11-72build2) ...
Setting up default-jre (2:1.11-72build2) ...
Setting up default-jdk-headless (2:1.11-72build2) ...
Setting up default-jdk (2:1.11-72build2) ...
getvm:~/ $ git --version
git version 2.34.1
getvm:~/ $ python3 --version
Python 3.10.12
getvm:~/ $ pip3 --version
pip 24.1.1 from /usr/local/lib/python3.10/dist-packages/pip (python 3.10)
getvm:~/ $ gcc --version
gcc (Ubuntu 11.4.0-1ubuntu1~22.04) 11.4.0
Copyright (C) 2021 Free Software Foundation, Inc.
This is free software; see the source for copying conditions. There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
```

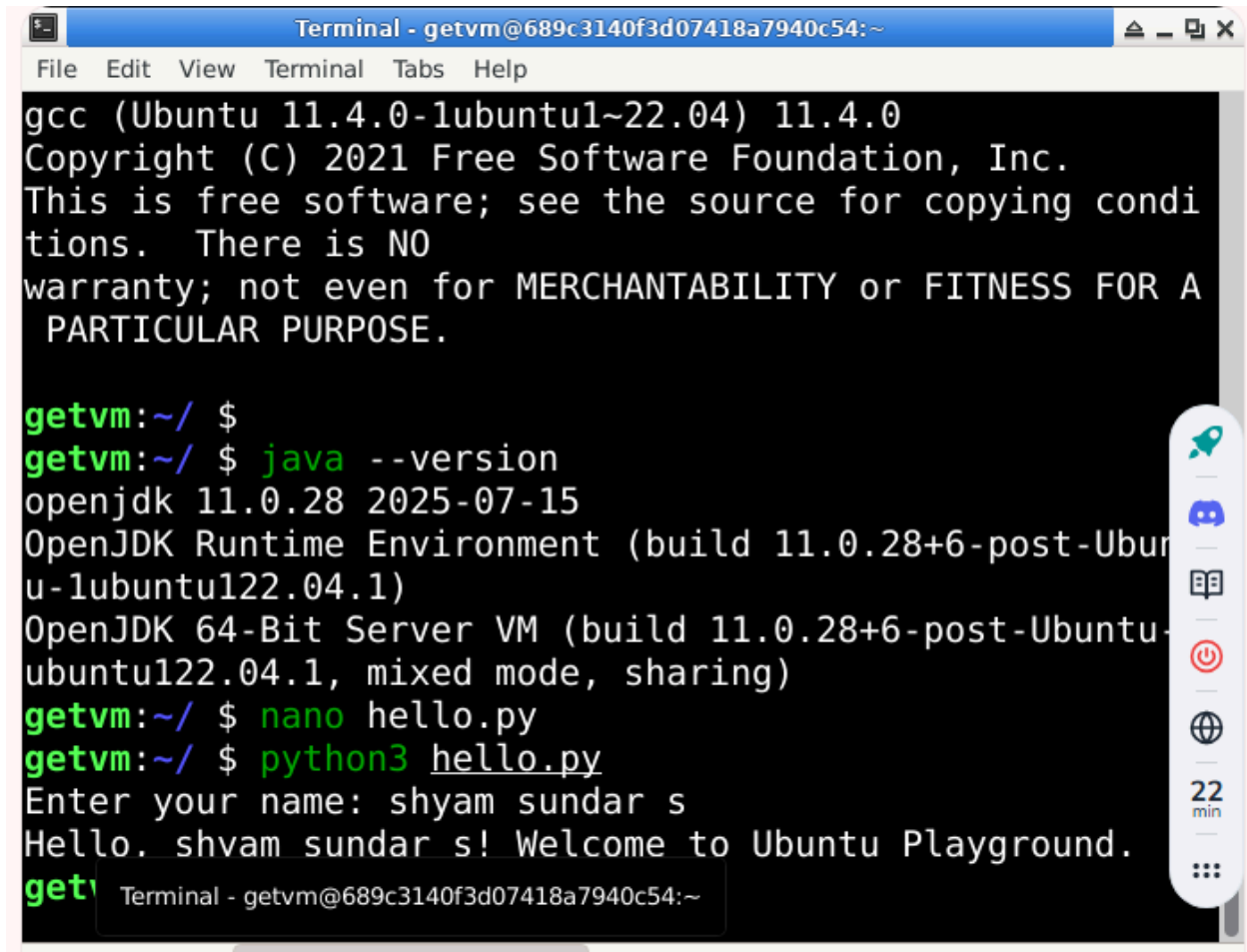
Step 2: Update Ubuntu Packages

bash

Copy code

```
sudo apt update
```

```
sudo apt upgrade -y
```



The screenshot shows a terminal window titled "Terminal - getvm@689c3140f3d07418a7940c54:~". The terminal output includes the gcc version (11.4.0), the java --version command output (openjdk 11.0.28 2025-07-15), the nano hello.py command, and the python3 hello.py command output (Enter your name: shyam sundar s, Hello. shyam sundar s! Welcome to Ubuntu Playground.).

```
gcc (Ubuntu 11.4.0-1ubuntu1~22.04) 11.4.0
Copyright (C) 2021 Free Software Foundation, Inc.
This is free software; see the source for copying condi
tions.  There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A
PARTICULAR PURPOSE.

getvm:~/ $
getvm:~/ $ java --version
openjdk 11.0.28 2025-07-15
OpenJDK Runtime Environment (build 11.0.28+6-post-Ubun
u-1ubuntu122.04.1)
OpenJDK 64-Bit Server VM (build 11.0.28+6-post-Ubuntu-
ubuntu122.04.1, mixed mode, sharing)
getvm:~/ $ nano hello.py
getvm:~/ $ python3 hello.py
Enter your name: shyam sundar s
Hello. shyam sundar s! Welcome to Ubuntu Playground.
getvm:~/ $
```

Step 3: Install Essential Packages

Run these commands one by one:

bash

Copy code

```
sudo apt install git -y
```

```
sudo apt install python3 python3-pip -y
```

```
sudo apt install build-essential -y
```

```
sudo apt install default-jdk -y
```

Step 3: Install Essential Packages

Run these commands one by one:

```
bash
```

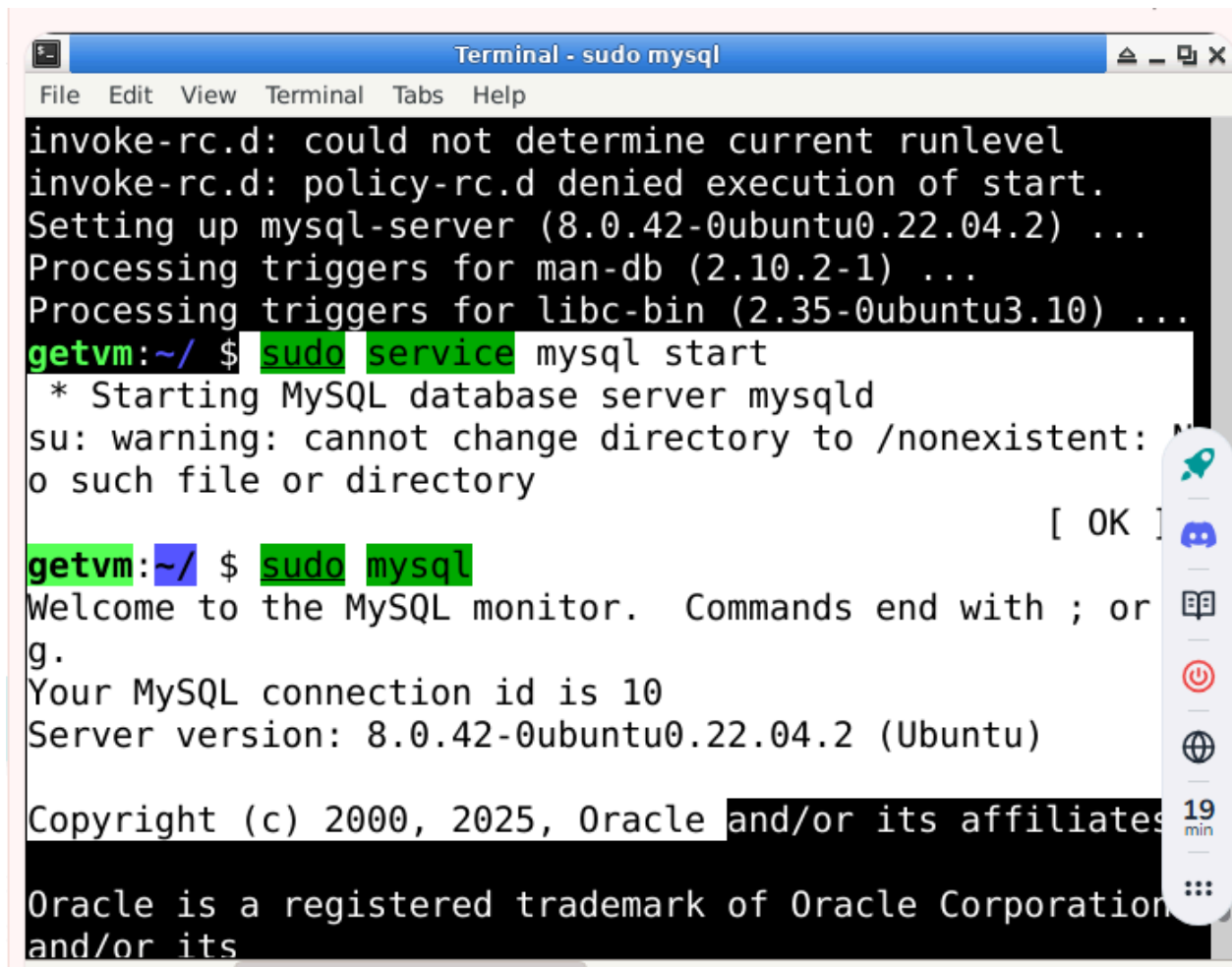
Copy code

```
sudo apt install git -y
```

```
sudo apt install python3 python3-pip -y
```

```
sudo apt install build-essential -y
```

```
sudo apt install default-jdk -y
```

A terminal window titled "Terminal - sudo mysql" showing the installation and startup of MySQL. The output includes messages from dpkg about mysql-server, man-db, and libc-bin, followed by the command "sudo service mysql start". This command outputs a warning about a nonexistent directory and then starts the MySQL database server. The user then runs "sudo mysql", which opens the MySQL monitor. The terminal shows the MySQL welcome message, connection ID 10, server version 8.0.42-0ubuntu0.22.04.2, and copyright information. A vertical sidebar on the right contains icons for a rocket, Discord, a book, a power button, a globe, and a timer set to 19 minutes.

```
Terminal - sudo mysql
File Edit View Terminal Tabs Help
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Setting up mysql-server (8.0.42-0ubuntu0.22.04.2) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.10) ...
getvm:~/ $ sudo service mysql start
* Starting MySQL database server mysqld
su: warning: cannot change directory to /nonexistent: No such file or directory
[ OK ]
getvm:~/ $ sudo mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.42-0ubuntu0.22.04.2 (Ubuntu)

Copyright (c) 2000, 2025, Oracle and/or its affiliates
Oracle is a registered trademark of Oracle Corporation and/or its
```

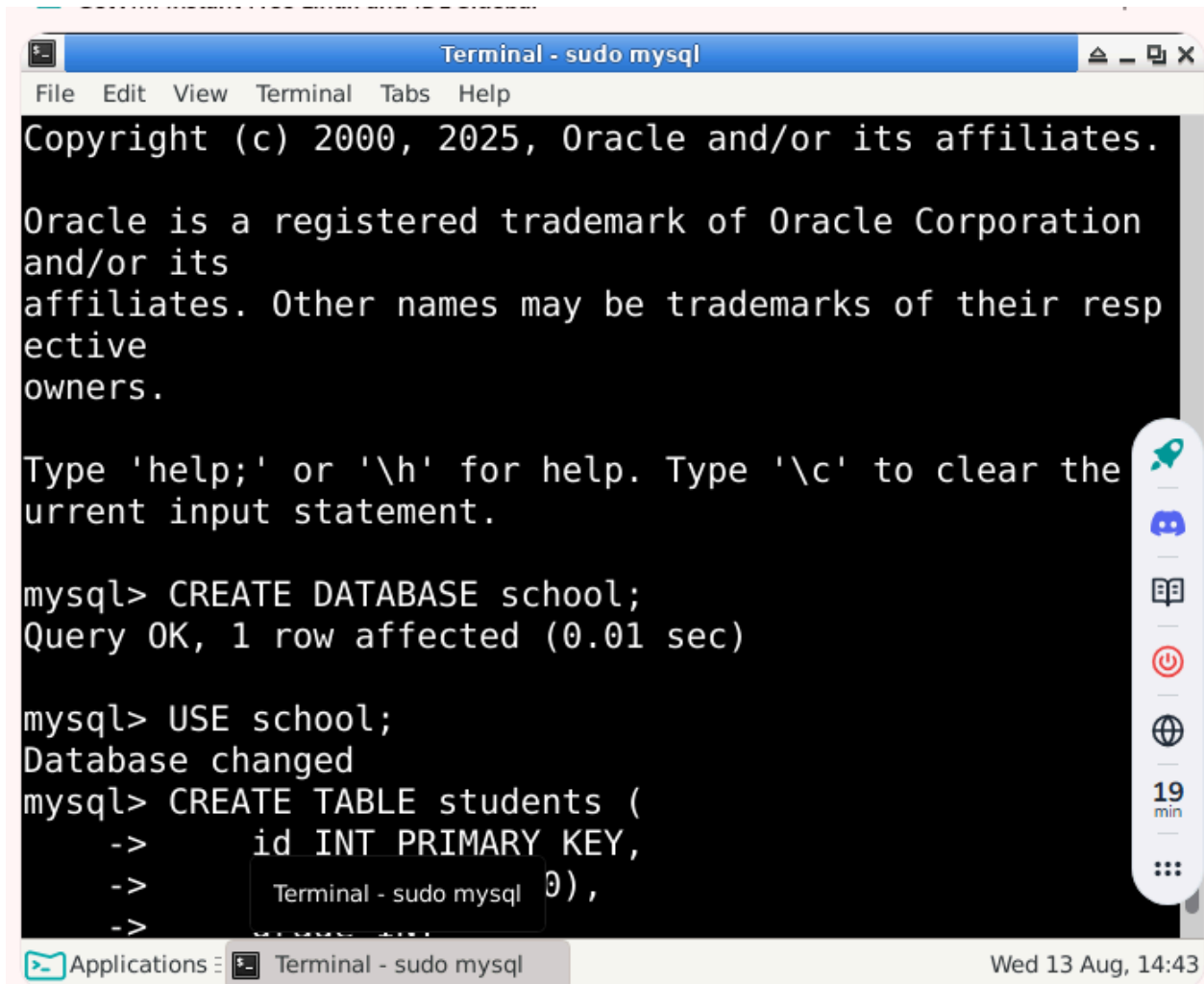
Step 2: Install MySQL Server

bash

Copy code

```
sudo apt update
```

```
sudo apt install mysql-server -y
```



The screenshot shows a terminal window titled "Terminal - sudo mysql". The terminal output displays the MySQL copyright notice for 2000 and 2025, followed by instructions on how to use help and clear the input. The user then enters the command `mysql> CREATE DATABASE school;`, which results in "Query OK, 1 row affected (0.01 sec)". Next, the user enters `mysql> USE school;`, resulting in "Database changed". Finally, the user enters `mysql> CREATE TABLE students (`, followed by `-> id INT PRIMARY KEY,` and `->) ,`. The terminal window has a menu bar with "File", "Edit", "View", "Terminal", "Tabs", and "Help". On the right side, there is a vertical toolbar with icons for a rocket, a speech bubble, a book, a power button, a globe, and a timer showing "19 min". The bottom status bar shows "Applications", "Terminal - sudo mysql", and the date and time "Wed 13 Aug, 14:43".

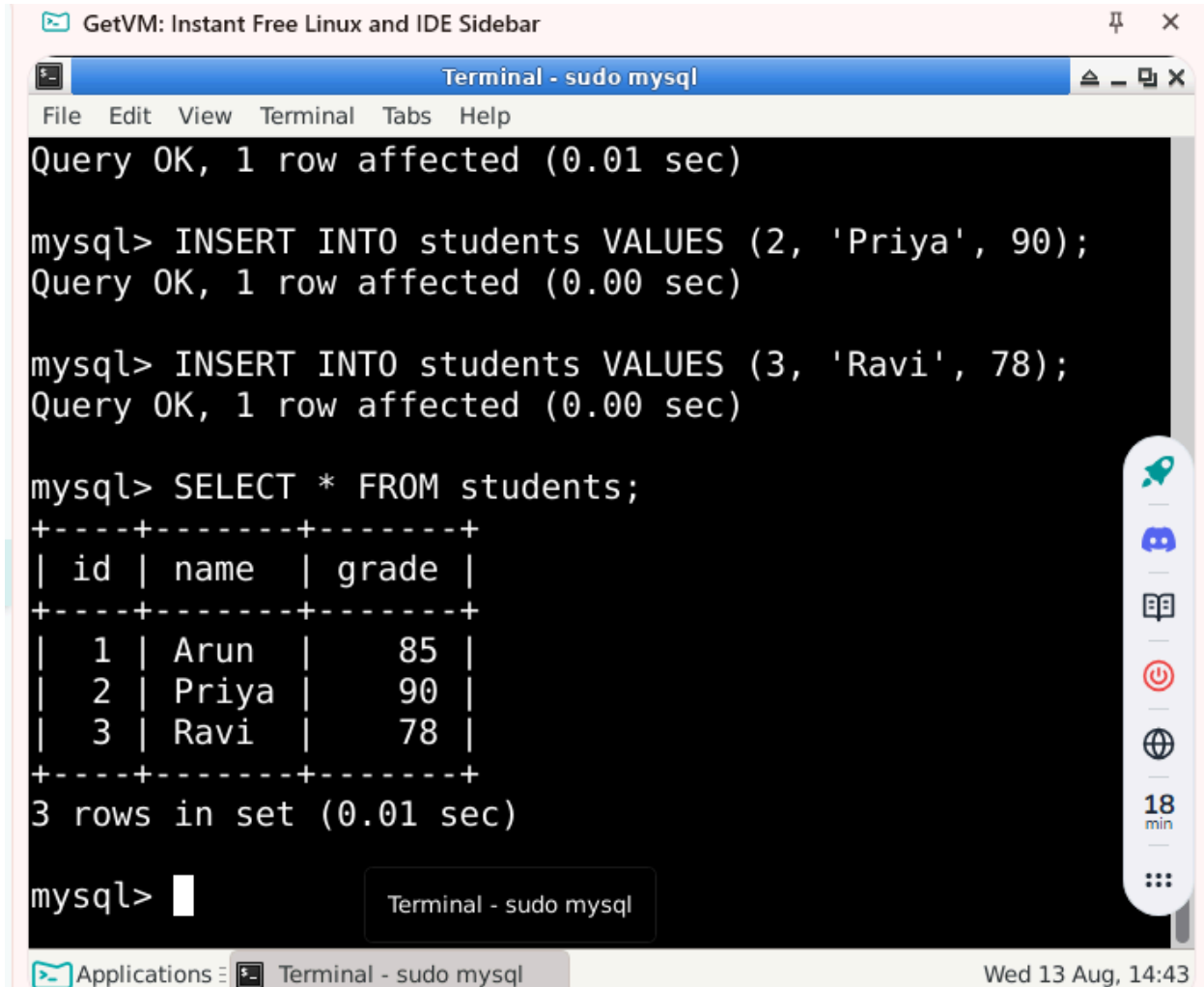
```
Terminal - sudo mysql
File Edit View Terminal Tabs Help
Copyright (c) 2000, 2025, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation
and/or its
affiliates. Other names may be trademarks of their resp
ective
owners.

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

mysql> CREATE DATABASE school;
Query OK, 1 row affected (0.01 sec)

mysql> USE school;
Database changed
mysql> CREATE TABLE students (
-> id INT PRIMARY KEY,
-> ) ,
->
```



The screenshot shows a terminal window titled "Terminal - sudo mysql" within a "GetVM: Instant Free Linux and IDE Sidebar" environment. The terminal displays the following sequence of MySQL commands and their outputs:

```
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO students VALUES (2, 'Priya', 90);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO students VALUES (3, 'Ravi', 78);
Query OK, 1 row affected (0.00 sec)

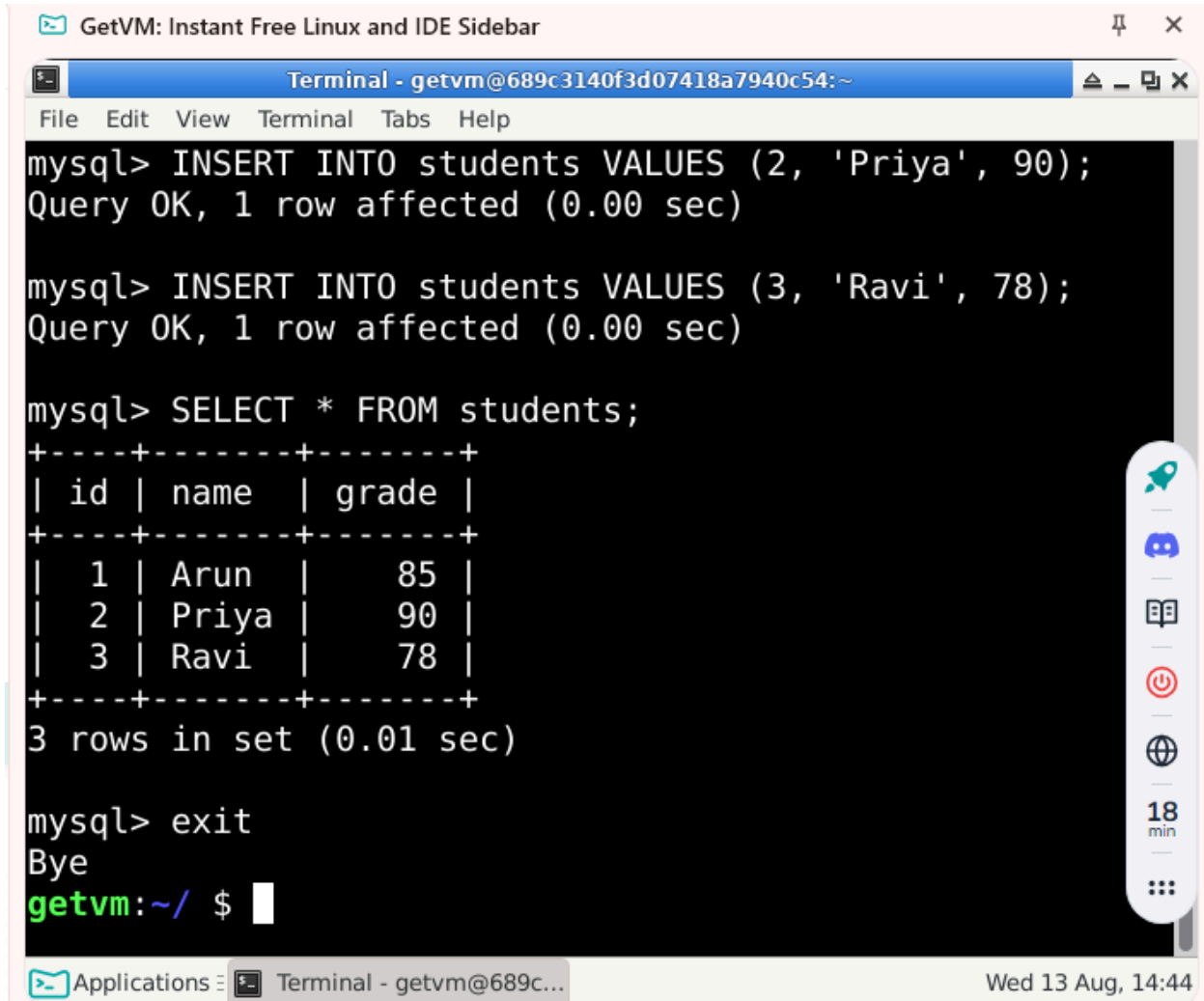
mysql> SELECT * FROM students;
```

id	name	grade
1	Arun	85
2	Priya	90
3	Ravi	78

```
3 rows in set (0.01 sec)

mysql>
```

The terminal window includes a menu bar with "File", "Edit", "View", "Terminal", "Tabs", and "Help". A sidebar on the right contains various application icons, including a rocket, a gear, a book, a power button, a globe, and a clock showing "18 min". The bottom status bar indicates "Applications", "Terminal - sudo mysql", and the date/time "Wed 13 Aug, 14:43".



The screenshot shows a terminal window titled "Terminal - getvm@689c3140f3d07418a7940c54:~". The terminal displays the following MySQL commands and their outputs:

```
mysql> INSERT INTO students VALUES (2, 'Priya', 90);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO students VALUES (3, 'Ravi', 78);
Query OK, 1 row affected (0.00 sec)

mysql> SELECT * FROM students;
+----+-----+-----+
| id | name  | grade |
+----+-----+-----+
| 1  | Arun  | 85    |
| 2  | Priya | 90    |
| 3  | Ravi  | 78    |
+----+-----+-----+
3 rows in set (0.01 sec)

mysql> exit
Bye
getvm:~/ $
```

The terminal window has a menu bar with "File", "Edit", "View", "Terminal", "Tabs", and "Help". On the right side of the terminal, there is a vertical sidebar with icons for a rocket, Discord, a book, a power button, a globe, and a timer showing "18 min". The bottom status bar shows "Applications", "Terminal - getvm@689c...", and the date and time "Wed 13 Aug, 14:44".