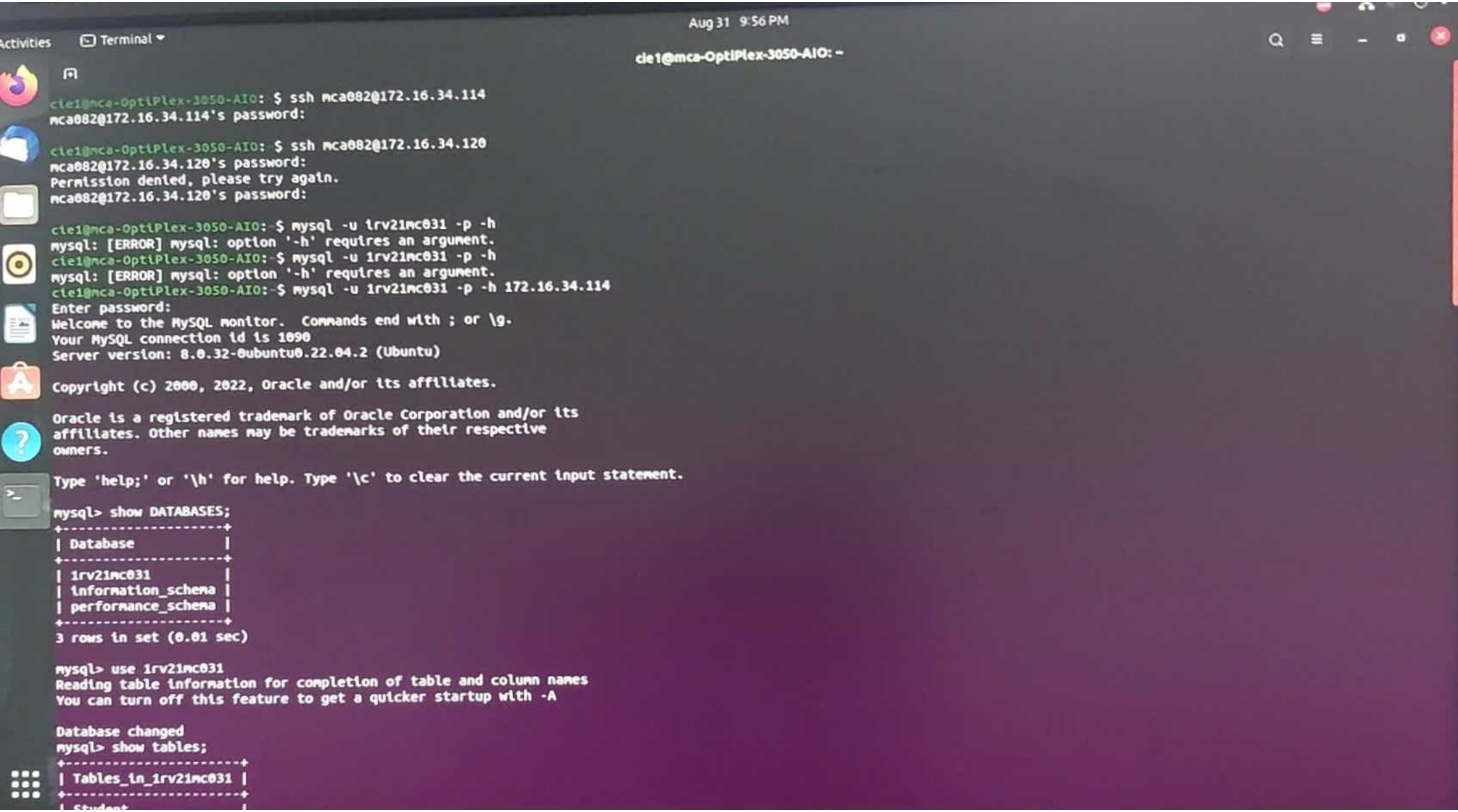
Activities
Terminal
Aug 31 9:56 PM
cie1@mca-OptiPlex-3050-AIO: ~
cie1@mca-OptiPlex-3050-AIO: $ ssh mca082@172.16.34.114
mca082@172.16.34.114's password:
cie1@mca-OptiPlex-3050-AIO: $ ssh mca082@172.16.34.120
mca082@172.16.34.120's password:
Permission denied, please try again.
mca082@172.16.34.120's password:
cie1@mca-OptiPlex-3050-AIO:~$ mysql -u 1rv21mc031 -p -h
mysql: [ERROR] mysql: option '-h' requires an argument.
cie1@mca-OptiPlex-3050-AIO:~$ mysql -u 1rv21mc031 -p -h
mysql: [ERROR] mysql: option '-h' requires an argument.
cie1@mca-OptiPlex-3050-AIO:~$ mysql -u 1rv21mc031 -p -h 172.16.34.114
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 1090
Server version: 8.0.32-0ubuntu0.22.04.2 (Ubuntu)
Copyright (c) 2000, 2022, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> show DATABASES;
+--------------------+
| Database |
+--------------------+
| 1rv21mc031 |
| information_schema |
| performance_schema |
+--------------------+
3 rows in set (0.01 sec)
mysql> use 1rv21mc031
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
Database changed
mysql> show tables;
+---------------------+
| Tables_in_1rv21mc031 |
+---------------------+
| Student |

Open | db.py ~/Videos/priyanka | Save

```
import mysql.connector

class myDatabase:
        def __init__(self):

self.db=mysql.connector.connect(host="172.16.34.114",user="1rv21mc031",password="1rv21mc031",auth_plugin="mysql_native_password",database="
                self.cur=self.db.cursor()
                self.createtable()

        def createtable(self):
                query=""" CREATE TABLE IF NOT EXISTS Stud(slno INT PRIMARY KEY,name VARCHAR(20),address VARCHAR(30),empcode VARCHAR(10),dob
DATE,age INT,
                mobile INT,status VARCHAR(50),des VARCHAR(10) )"""
                self.cur.execute(query)
                self.db.commit()
                print("Table added.")

        def insert(self,slno,name,address,empcode,dob,age,mobile,status,des):
                query=""" INSERT INTO Stud(slno,name,address,empcode,dob,age,mobile,status,des) VALUES(%s,%s,%s,%s,%s,%s,%s,%s,%s) """
                values=(slno,name,address,empcode,dob,age,mobile,status,des)
                self.cur.execute(query,values)
                self.db.commit()
                print("Record added")

        def show(self):
                self.cur.execute("SELECT * FROM Stud")
                rows=self.cur.fetchall()
                for r in rows:
                        print(r)

        def modify(self,des,slno):
                query=""" UPDATE Stud SET des=%s WHERE slno=%s """
                values=(des,slno)
                self.cur.execute(query,values)
                print("Record modified")
```

Open | db.py ~/Videos/priyanka | Save

```
1
2ql.connector
3
4abase:
5f __init__(self):
6
sql.connector.connect(host="172.16.34.114",user="1rv21mc031",password="1rv21mc031",auth_plugin="mysql_native_password",database="1rv21mc031"
7       self.cur=self.db.cursor()
8       self.createtable()
9
10f createtable(self):
11      query=""" CREATE TABLE IF NOT EXISTS Stud(slno INT PRIMARY KEY,name VARCHAR(20),address VARCHAR(30),empcode VARCHAR(10),dob
 AT,
12      mobile INT,status VARCHAR(50),des VARCHAR(10) )"""
13      self.cur.execute(query)
14      self.db.commit()
15      print("Table added.")
16
17f insert(self,slno,name,address,empcode,dob,age,mobile,status,des):
18      query=""" INSERT INTO Stud(slno,name,address,empcode,dob,age,mobile,status,des) VALUES(%s,%s,%s,%s,%s,%s,%s,%s,%s) """
19      values=(slno,name,address,empcode,dob,age,mobile,status,des)
20      self.cur.execute(query,values)
21      self.db.commit()
22      print("Record added")
23
24f show(self):
25      self.cur.execute("SELECT * FROM Stud")
26      rows=self.cur.fetchall()
27      for r in rows:
28              print(r)
29
30f modify(self,des,slno):
31      query=""" UPDATE Stud SET des=%s WHERE slno=%s """
32      values=(des,slno)
33      self.cur.execute(query,values)
34      print("Record modified")
35
```

Python 2 | Tab Width: 8 | Ln 1, Col 1 | INS

```
                values=(des,slno)
                self.cur.execute(query,values)
                print("Record modified")

        def delete(self,slno):
                query="""DELETE FROM Stud WHERE slno=%s """
                values=(slno,)
                self.cur.execute(query,values)
                print("Record Deleted")
                self.db.commit()

d=myDatabase()
d.createtable()
while True:
        print("1.Add\n2.Display\n3.Update\n4.Delete\n")
        c=int(input("Enter your choice:"))
        if(c==1):
                slno=int(input("Enter slno:"))
                name=input("Enter name:")
                address=input("Enter address:")
                empcode=int(input("Enter empcode:"))
                dob=input("Enter DOB:")
                age=int(input("Enter age:"))
                mobile=int(input("Enter mobile phone number:"))
                status=input("Enter status:")
                des=input("Enter designation:")
                d.insert(slno,name,address,empcode,dob,age,mobile,status,des)
                print("Table added")

        elif(c==2):
                d.show()
        elif(c==3):
                slno=int(input("Enter slno:"))
                des=input("Enter new  designation:")
                d.modify(des,slno)
        elif(c==4):
```

```
            query="""DELETE FROM Stud WHERE slno=%s """
            values=(slno,)
            self.cur.execute(query,values)
            print("Record Deleted")
            self.db.commit()

d=myDatabase()
d.createtable()
while True:
        print("1.Add\n2.Display\n3.Update\n4.Delete\n")
        c=int(input("Enter your choice:"))
        if(c==1):
                slno=int(input("Enter slno:"))
                name=input("Enter name:")
                address=input("Enter address:")
                empcode=int(input("Enter empcode:"))
                dob=input("Enter DOB:")
                age=int(input("Enter age:"))
                mobile=int(input("Enter mobile phone number:"))
                status=input("Enter status:")
                des=input("Enter designation:")
                d.insert(slno,name,address,empcode,dob,age,mobile,status,des)
                print("Table added")

        elif(c==2):
                d.show()
        elif(c==3):
                slno=int(input("Enter slno:"))
                des=input("Enter new  designation:")
                d.modify(des,slno)
        elif(c==4):
                slno=int(input("Enter slno whose table will be deleted:"))
                d.delete(slno)
        else:
                break

```