cursor.execute("INSERT INTO STUDENT VALUES('Alice','Data Science','A',95)")

cursor.execute("INSERT INTO STUDENT VALUES('Bob','Data Science','B',88)")

cursor.execute("INSERT INTO STUDENT VALUES('Charlie','Data Science','A',72)")

cursor.execute("INSERT INTO STUDENT VALUES('Diana','Data Science','C',64)")

cursor.execute("INSERT INTO STUDENT VALUES('Ethan','Data Science','A',91)")

cursor.execute("INSERT INTO STUDENT VALUES('Fiona','DevOps','A',78)")

cursor.execute("INSERT INTO STUDENT VALUES('George','DevOps','B',83)")

cursor.execute("INSERT INTO STUDENT VALUES('Hannah','DevOps','A',99)")

cursor.execute("INSERT INTO STUDENT VALUES('Ian','DevOps','C',56)")

cursor.execute("INSERT INTO STUDENT VALUES('Jade','DevOps','B',81)")

cursor.execute("INSERT INTO STUDENT VALUES('Kevin','Marketing','A',92)")

cursor.execute("INSERT INTO STUDENT VALUES('Laura','Marketing','B',70)")

cursor.execute("INSERT INTO STUDENT VALUES('Martin','Marketing','C',66)")

cursor.execute("INSERT INTO STUDENT VALUES('Nina','Marketing','A',89)")

cursor.execute("INSERT INTO STUDENT VALUES('Oscar','Marketing','B',73)")

cursor.execute("INSERT INTO STUDENT VALUES('Paula','Sales','C',58)")

cursor.execute("INSERT INTO STUDENT VALUES('Quentin','Sales','B',79)")

cursor.execute("INSERT INTO STUDENT VALUES('Rebecca','Sales','A',90)")

cursor.execute("INSERT INTO STUDENT VALUES('Sam','Sales','B',67)")

cursor.execute("INSERT INTO STUDENT VALUES('Tara','Sales','C',54)")

cursor.execute("INSERT INTO STUDENT VALUES('Uma','Finance','A',88)")

cursor.execute("INSERT INTO STUDENT VALUES('Victor','Finance','A',93)")

cursor.execute("INSERT INTO STUDENT VALUES('Wendy','Finance','C',62)")

cursor.execute("INSERT INTO STUDENT VALUES('Xavier','Finance','B',77)")

cursor.execute("INSERT INTO STUDENT VALUES('Yvonne','Finance','A',100)")

cursor.execute("INSERT INTO STUDENT VALUES('Zack','HR','C',48)")

cursor.execute("INSERT INTO STUDENT VALUES('Abel','HR','B',69)")

cursor.execute("INSERT INTO STUDENT VALUES('Bianca','HR','A',87)")

cursor.execute("INSERT INTO STUDENT VALUES('Caleb','HR','A',95)")

cursor.execute("INSERT INTO STUDENT VALUES('Denise','HR','C',60)")

cursor.execute("INSERT INTO STUDENT VALUES('Ernest','IT','B',84)")

cursor.execute("INSERT INTO STUDENT VALUES('Fatima','IT','A',90)")

cursor.execute("INSERT INTO STUDENT VALUES('Gina','IT','B',75)")

cursor.execute("INSERT INTO STUDENT VALUES('Harvey','IT','C',53)")

cursor.execute("INSERT INTO STUDENT VALUES('Iris','IT','A',99)")

cursor.execute("INSERT INTO STUDENT VALUES('Jonas','Management','B',76)")

cursor.execute("INSERT INTO STUDENT VALUES('Kylie','Management','C',65)")

cursor.execute("INSERT INTO STUDENT VALUES('Leon','Management','A',92)")

cursor.execute("INSERT INTO STUDENT VALUES('Macy','Management','B',80)")

cursor.execute("INSERT INTO STUDENT VALUES('Nick','Management','C',55)")

cursor.execute("INSERT INTO STUDENT VALUES('Olivia','Operations','A',85)")

cursor.execute("INSERT INTO STUDENT VALUES('Pavel','Operations','B',72)")

cursor.execute("INSERT INTO STUDENT VALUES('Rita','Operations','C',61)")

cursor.execute("INSERT INTO STUDENT VALUES('Soren','Operations','A',96)")

cursor.execute("INSERT INTO STUDENT VALUES('Tessa','Operations','B',86)")

cursor.execute("INSERT INTO STUDENT VALUES('Ulysses','Support','C',59)")

cursor.execute("INSERT INTO STUDENT VALUES('Vera','Support','A',94')")

cursor.execute("INSERT INTO STUDENT VALUES('Walter','Support','B',68')")

cursor.execute("INSERT INTO STUDENT VALUES('Ximena','Support','A',97')")

cursor.execute("INSERT INTO STUDENT VALUES('Yuri','Support','C',63')")

Mysql@localhost:3306

Root

12345

Student

url1 : mysql+mysqlconnector://appuser:appsecret@localhost:3306/student

url2 : mysql+mysqlconnector://appuser:appsecret@127.0.0.1:3306/student

1. Ensure your MYSQL server is running and that you know your credentials (host,user,password,3405
2. Test your “student” table by querying it in mysql

-- Create or switch to database named 'student'

CREATE DATABASE IF NOT EXISTS student;

USE student;

-- Drop table if it already exists (optional, for a clean slate)

DROP TABLE IF EXISTS STUDENT;

-- Create table

CREATE TABLE STUDENT (

NAME VARCHAR(25),

CLASS VARCHAR(25),

SECTION VARCHAR(25),

MARKS INT

);

-- Insert 50 rows

INSERT INTO STUDENT VALUES ('Ali','Data Science','A',85);

INSERT INTO STUDENT VALUES ('Ahmed','Cloud Computing','B',92);

INSERT INTO STUDENT VALUES ('Sana','AI','C',78);

INSERT INTO STUDENT VALUES ('Bilal','Machine Learning','A',88);

INSERT INTO STUDENT VALUES ('Zainab','Data Science','B',91);

INSERT INTO STUDENT VALUES ('Hassan','AI','C',83);

INSERT INTO STUDENT VALUES ('Fatima','Data Science','A',94);

INSERT INTO STUDENT VALUES ('Hira','Cloud Computing','B',79);

INSERT INTO STUDENT VALUES ('Usman','Machine Learning','C',87);

INSERT INTO STUDENT VALUES ('Aisha','Data Science','B',90);

INSERT INTO STUDENT VALUES ('Faisal','Web Development','A',82);

INSERT INTO STUDENT VALUES ('Nadia','AI','C',72);

INSERT INTO STUDENT VALUES ('Tariq','Data Science','B',86);

INSERT INTO STUDENT VALUES ('Iqra','Cloud Computing','A',88);

INSERT INTO STUDENT VALUES ('Talha','AI','B',89);

INSERT INTO STUDENT VALUES ('Zoya','Machine Learning','C',93);

INSERT INTO STUDENT VALUES ('Ahsan','Web Development','B',79);

INSERT INTO STUDENT VALUES ('Maryam','Data Science','C',95);

INSERT INTO STUDENT VALUES ('Saad','Machine Learning','A',84);

INSERT INTO STUDENT VALUES ('Huma','Data Science','B',90);

INSERT INTO STUDENT VALUES ('Adeel','Cloud Computing','A',81);

INSERT INTO STUDENT VALUES ('Mahnoor','Data Science','C',77);

INSERT INTO STUDENT VALUES ('Waleed','AI','B',82);

INSERT INTO STUDENT VALUES ('Aqsa','Machine Learning','A',96);

INSERT INTO STUDENT VALUES ('Imran','Data Science','B',88);

INSERT INTO STUDENT VALUES ('Noor','Web Development','C',92);

INSERT INTO STUDENT VALUES ('Yasir','AI','A',75);

INSERT INTO STUDENT VALUES ('Komal','Data Science','B',91);

INSERT INTO STUDENT VALUES ('Zeeshan','Cloud Computing','C',85);

INSERT INTO STUDENT VALUES ('Anam','Data Science','A',78);

INSERT INTO STUDENT VALUES ('Abdullah','Machine Learning','B',89);

INSERT INTO STUDENT VALUES ('Nida','AI','C',80);

INSERT INTO STUDENT VALUES ('Hammad','Cloud Computing','B',83);

INSERT INTO STUDENT VALUES ('Zunaira','Data Science','C',88);

INSERT INTO STUDENT VALUES ('Daniyal','Web Development','A',94);

INSERT INTO STUDENT VALUES ('Rabia','AI','B',90);

INSERT INTO STUDENT VALUES ('Fahad','Data Science','C',76);

INSERT INTO STUDENT VALUES ('Mehak','Machine Learning','A',93);

INSERT INTO STUDENT VALUES ('Umair','Data Science','B',81);

INSERT INTO STUDENT VALUES ('Sadia','Web Development','C',87);

INSERT INTO STUDENT VALUES ('Asad','AI','A',79);

INSERT INTO STUDENT VALUES ('Kiran','Machine Learning','B',85);

INSERT INTO STUDENT VALUES ('Hamza','Data Science','C',90);

INSERT INTO STUDENT VALUES ('Saba','Cloud Computing','A',88);

INSERT INTO STUDENT VALUES ('Mustafa','AI','B',77);

INSERT INTO STUDENT VALUES ('Naveed','Data Science','C',92);

INSERT INTO STUDENT VALUES ('Amina','Machine Learning','A',81);

INSERT INTO STUDENT VALUES ('Farhan','Web Development','B',74);

INSERT INTO STUDENT VALUES ('Shiza','AI','C',89);

INSERT INTO STUDENT VALUES ('Rehan','Cloud Computing','A',95);

-- Finally, you can run a quick check:

SELECT \* FROM STUDENT;

-- 1. Drop any broken entries

DROP USER IF EXISTS 'appuser'@'localhost';

-- 2. Re-create the user for localhost, forcing mysql\_native\_password

CREATE USER 'appuser'@'localhost'

IDENTIFIED WITH mysql\_native\_password

BY 'appsecret';

-- 3. Grant them rights on your schema

GRANT ALL PRIVILEGES ON student.\* TO 'appuser'@'localhost';

FLUSH PRIVILEGES;

select \* from student;