**How to access MySQL.**

Check your version. I installed the latest version.

(base) Gabrielas-MacBook-Pro:Users gxa2206$ mysql --version

mysql Ver 8.0.35 for macos13 on x86\_64 (MySQL Community Server - GPL)

Sign in to mysql:

(base) Gabrielas-MacBook-Pro:Users gxa2206$ mysql -u root -p

Enter password:

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

Your MySQL connection id is 8

Server version: 8.0.35 MySQL Community Server - GPL

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***To make sure your connection is successful when connecting remotely (via API). Do the following:***

mysql> ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql\_native\_password BY 'yourpassword';

Query OK, 0 rows affected (0.01 sec)

To create a DATABASE

mysql> CREATE DATABASE manager\_app;

Query OK, 1 row affected (0.04 sec)

Check Database was created

mysql> show databases;

+--------------------+

| Database |

+--------------------+

| information\_schema |

| manager\_app |

| mysql |

| performance\_schema |

| sys |

+--------------------+

5 rows in set (0.00 sec)

To create tables, state which schema to use

mysql> use manager\_app

Database changed

mysql> show tables;

Empty set (0.00 sec)

To create the table project, copy and paste the script in the test\_CreateDB.sql file. Note: I haven’t figured out how to run the script in mysql.

mysql> CREATE TABLE PROJ\_MANG\_APP\_USER(

-> U\_ID VARCHAR(28) NOT NULL,

-> U\_First VARCHAR(20) NOT NULL,

-> U\_Middle CHAR,

-> U\_Last VARCHAR(20) NOT NULL,

-> B\_date DATE,

-> U\_gender CHAR,

-> U\_Bio VARCHAR(100),

-> U\_address VARCHAR(50),

-> U\_email VARCHAR(50) NOT NULL,

-> U\_cell\_phone VARCHAR(13),

-> PRIMARY KEY (U\_ID)

-> );

Query OK, 0 rows affected (0.09 sec)

Show tables and check the description of table

mysql> show tables;

+-----------------------+

| Tables\_in\_manager\_app |

+-----------------------+

| PROJ\_MANG\_APP\_USER |

+-----------------------+

1 row in set (0.00 sec)

mysql> desc PROJ\_MANG\_APP\_USER;

+--------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+--------------+------+-----+---------+-------+

| U\_ID | varchar(28) | NO | PRI | NULL | |

| U\_First | varchar(20) | NO | | NULL | |

| U\_Middle | char(1) | YES | | NULL | |

| U\_Last | varchar(20) | NO | | NULL | |

| B\_date | date | YES | | NULL | |

| U\_gender | char(1) | YES | | NULL | |

| U\_Bio | varchar(100) | YES | | NULL | |

| U\_address | varchar(50) | YES | | NULL | |

| U\_email | varchar(50) | NO | | NULL | |

| U\_cell\_phone | varchar(13) | YES | | NULL | |

+--------------+--------------+------+-----+---------+-------+

10 rows in set (0.02 sec)

Inserting an item. I pasted the items from the script PROJ\_MANG\_APP\_INSERT.sql

mysql> INSERT INTO PROJ\_MANG\_APP\_USER(U\_ID, U\_First, U\_Middle, U\_Last, B\_date, U\_gender, U\_Bio, U\_address, U\_email, U\_cell\_phone) VALUES ('000000002','Akanksha','Y','Reddy',STR\_TO\_DATE('1998-12-18','%Y-%m-%d'),'F', ' ', 'Buffalo Newyork', 'akankshareddy34@gmail.com','8279360345');

Query OK, 1 row affected (0.00 sec)

Sample of populated Table

mysql> SELECT \* FROM PROJ\_MANG\_APP\_USER;

+------------+----------+----------+----------+------------+----------+-------+------------------------+---------------------------+--------------+

| U\_ID | U\_First | U\_Middle | U\_Last | B\_date | U\_gender | U\_Bio | U\_address | U\_email | U\_cell\_phone |

+------------+----------+----------+----------+------------+----------+-------+------------------------+---------------------------+--------------+

| 0000000001 | Akansha | A | Mohan | 1998-02-28 | F | | Arlington Texas | akanshamohan34@gmail.com | 8179360345 |

| 000000002 | Akanksha | Y | Reddy | 1998-12-18 | F | | Buffalo Newyork | akankshareddy34@gmail.com | 8279360345 |

| 000000003 | John | F | Kennedy | 1993-12-28 | M | | New York state | john1234@gmail.com | 8189460345 |

| 000000004 | John | P | Doe | 2008-07-18 | M | | Phoenix Arizona | John1128@gmail.com | 8176760345 |

| 000000005 | Aadya | K | Sinha | 2003-11-05 | F | | Austin Texas | aadu2387@gmail.com | 8179312345 |

| 000000006 | Adil | F | Sheik | 2005-12-07 | F | | Dallas Texas | adilsheik8787@gmail.com | 8139360347 |

| 000000007 | Penn | A | Smith | 1997-04-28 | F | | Houston Texas | annie123smith34@gmail.com | 8179360349 |

| 000000008 | Abc | d | ghi | 2001-01-01 | M | | Seattle Washington | abcdef@gmail.com | 8176540345 |

| 000000009 | William | D | Schimth | 1979-03-11 | M | | Los Angeles California | dannyalias@gmail.com | 8179456345 |

| 000000010 | Will | C | Dee | 1988-02-28 | M | | Miami Florida | willcon@gmail.com | 8112345345 |

| 000000011 | Dallidie | A | Maharati | 1998-10-30 | F | | Gainsville Florida | ahamaha34@gmail.com | 8179365645 |

| 000000012 | Yasmine | D | Basmati | 2000-02-28 | F | | Arlington Texas | dalbasmati8972@gmail.com | 81712345678 |

| 000000014 | Jillian | K | Kramer | 1979-02-28 | F | | San Deigo California | jillybean@gmail.com | 8672360345 |

| 000000015 | Reikus | M | Prinsloo | 1999-05-12 | M | | Boston Massachusetts | maryprinsloo@gmail.com | 8179399345 |

| 000000016 | Jaun | M | Marshall | 2003-09-29 | F | | San Jose California | Jaun19201@gmail.com | 8559360345 |

| 000000017 | Kayliegh | S | Marshall | 1777-05-09 | F | | Chicago Illinois | smarshall89@gmail.com | 3333330345 |

| 000000018 | David | C | Duncan | 2000-08-28 | M | | Chicago Illinois | davidcjorgs@gmail.com | 8170000045 |

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**To run a script:**

mysql> source 00-create-Company.sql

mysql> SHOW DATABASES;

+--------------------+

| Database |

+--------------------+

| Company |

| information\_schema |

| manager\_app |

| mysql |

| performance\_schema |

| sys |

+--------------------+

mysql> USE Company;

Database changed

mysql> show tables;

+-------------------+

| Tables\_in\_company |

+-------------------+

| DEP\_LOCATIONS |

| DEPARTMENT |

| EMPLOYEE |

| PROJECT |

| WORK\_ON |

+-------------------+

5 rows in set (0.00 sec)