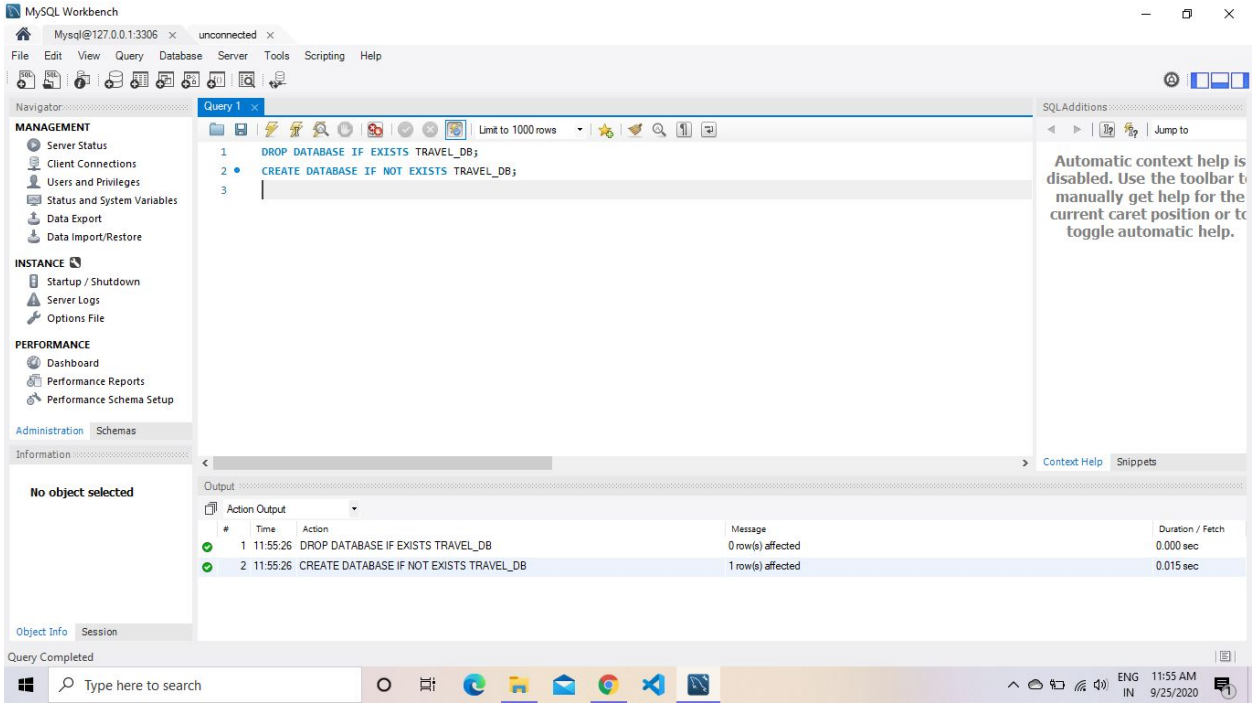
ASSIGNMENT 3

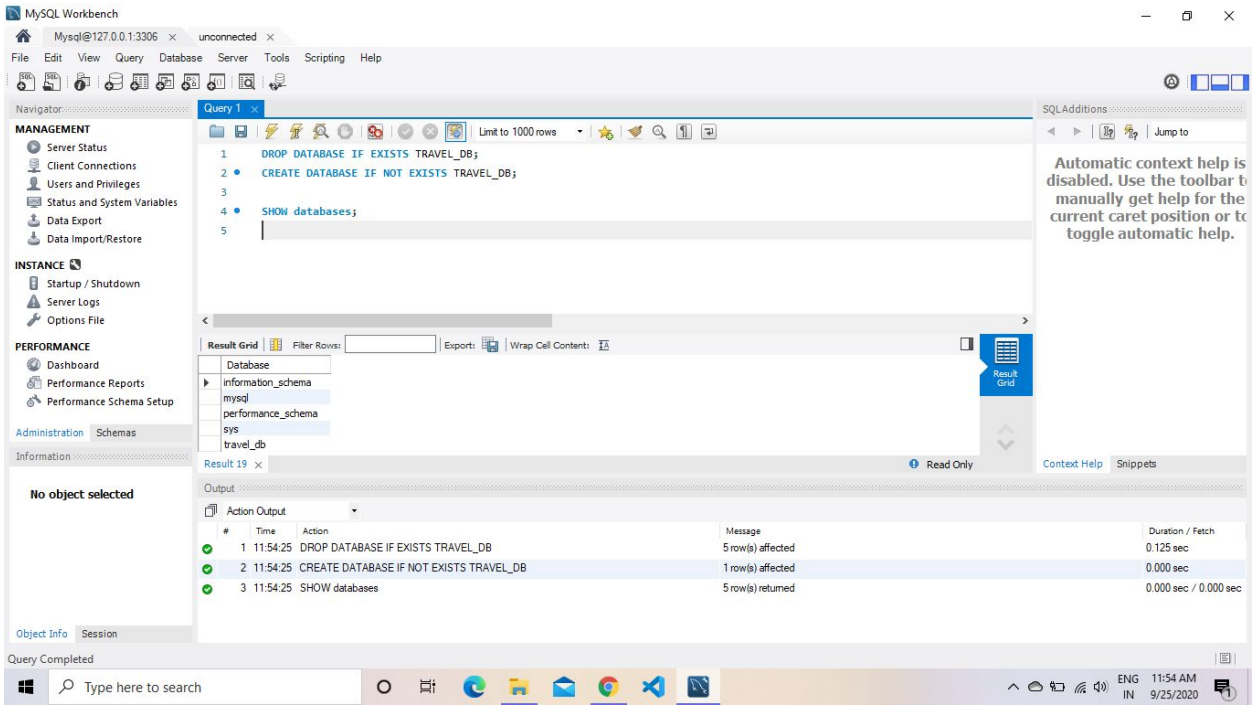
1. SHOW HOW TO CREATE AND DROP DATABASE

QUERY -> **DROP DATABASE IF EXISTS Travel;**
CREATE DATABASE IF NOT EXISTS Travel;



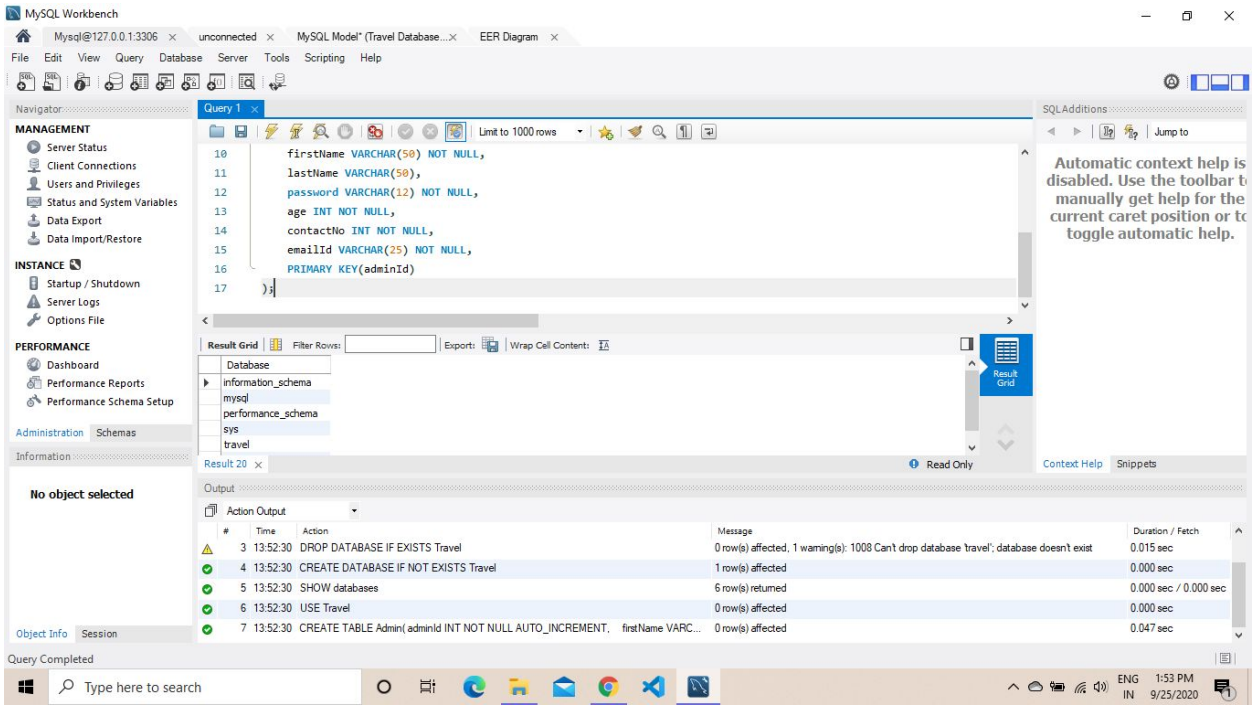
2.SHOW ALL THE DATABASES IN THE SYSTEM

QUERY-> **SHOW DATABASES;**



3.CREATE TABLE FOR YOUR DATABASE

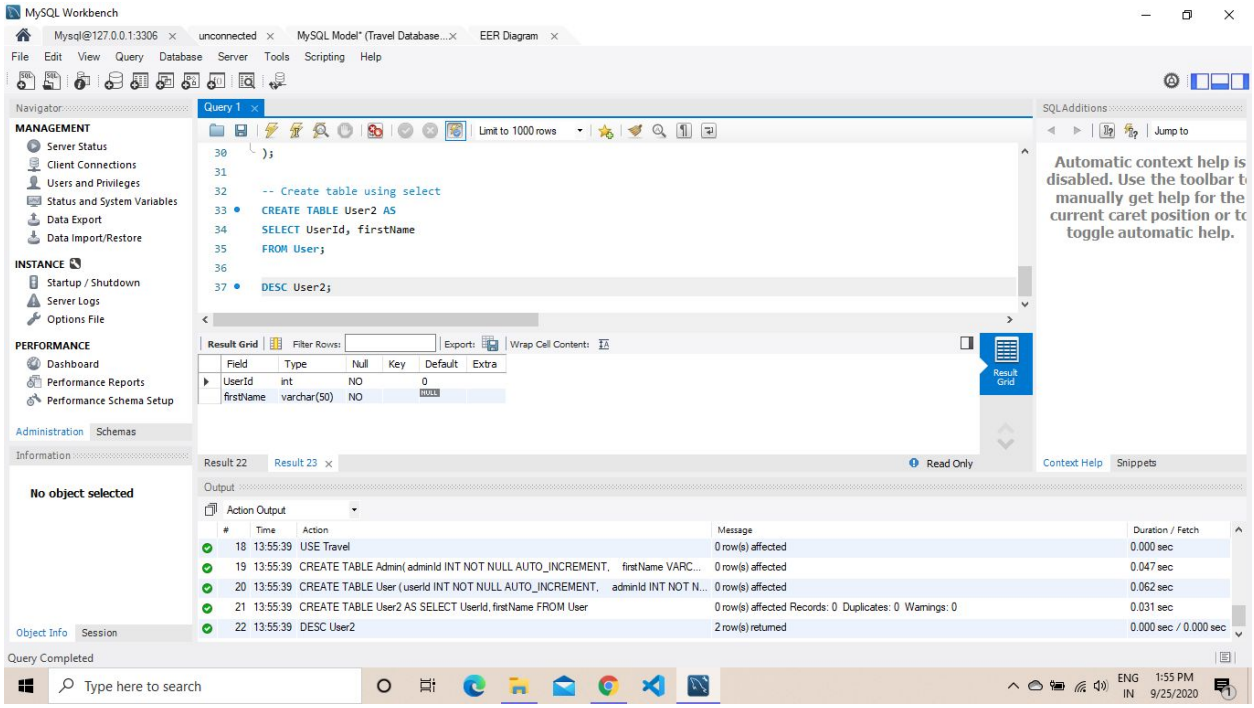
QUERY-> **CREATE TABLE Admin(**
adminId INT NOT NULL AUTO_INCREMENT,
firstName VARCHAR(50) NOT NULL,
lastName VARCHAR(50),
password VARCHAR(12) NOT NULL,
age INT NOT NULL,
contactNo INT NOT NULL,
emailId VARCHAR(25) NOT NULL,
PRIMARY KEY(adminId)
);



4.SHOW HOW SELECT CAN BE USED FOR CREATING TABLE

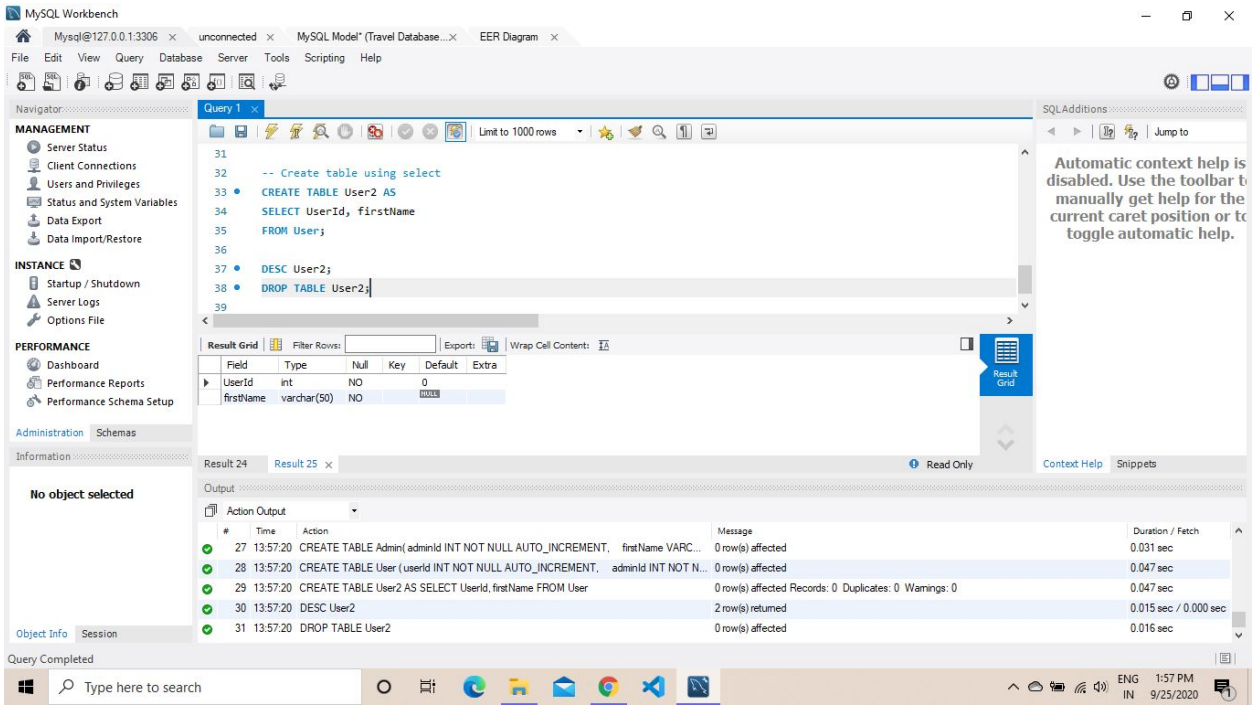
QUERY-> **CREATE TABLE User2 AS**
SELECT UserId, firstName
FROM User;

DESC User2;
DROP TABLE User2;



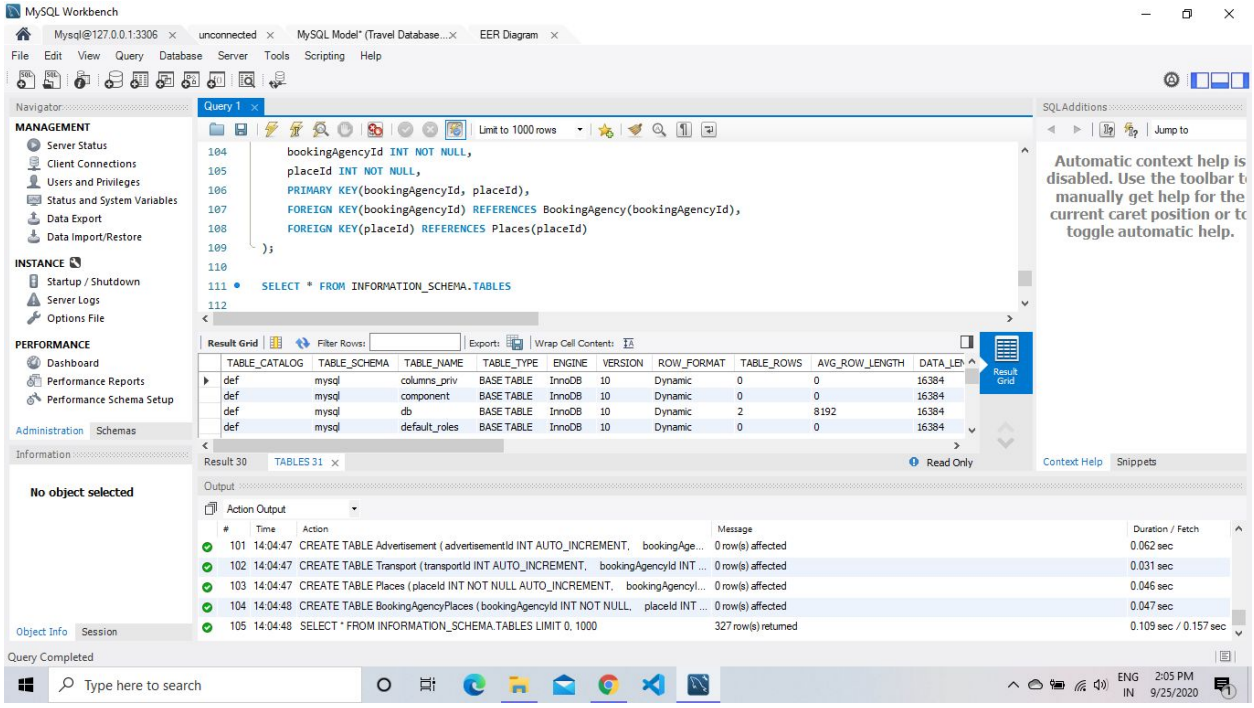
5.DROP TABLE

QUERY-> **DROP TABLE TABLE_NAME;**



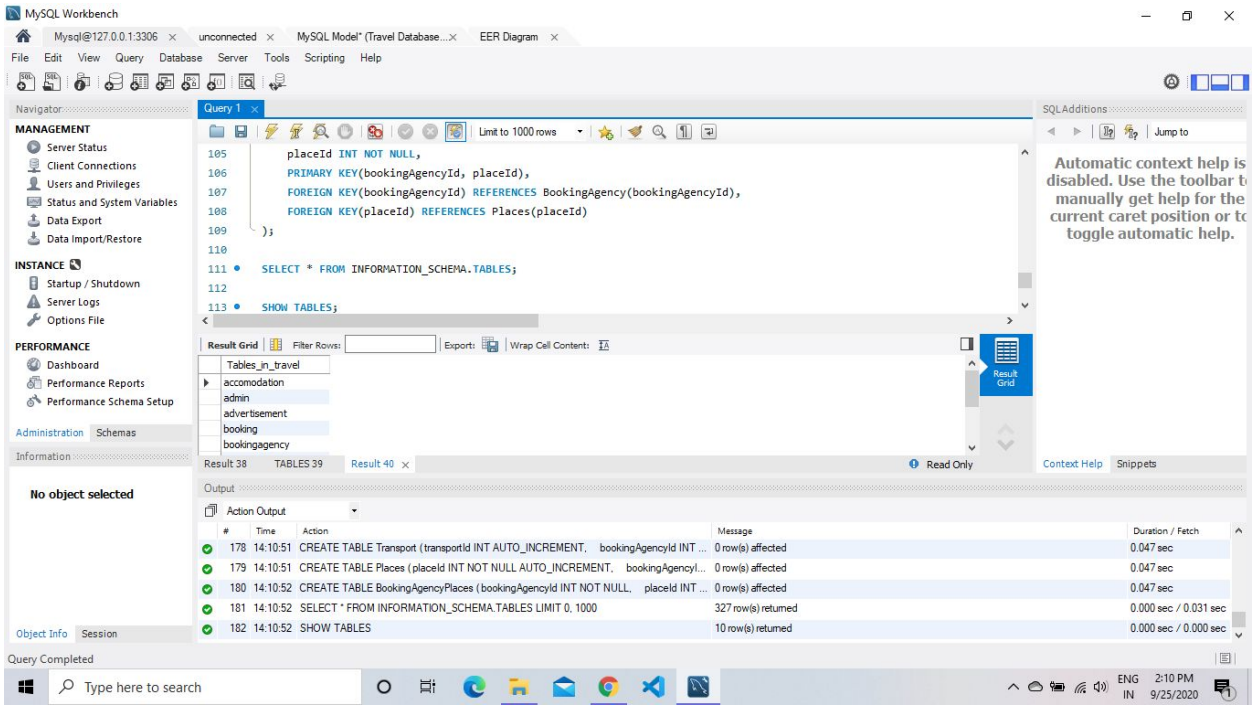
6.SHOW HOW TO CHECK THE SCHEMA OF THE TABLES

QUERY-> **SELECT * FROM INFORMATION_SCHEMA.TABLES;**



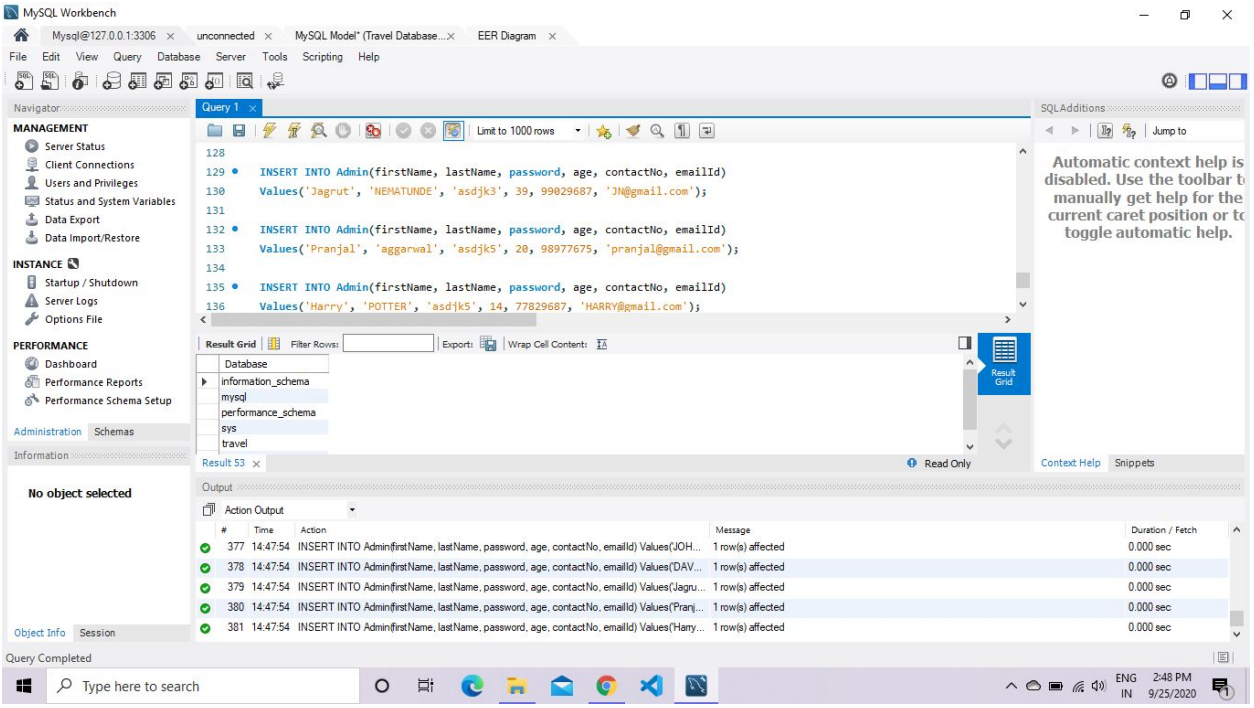
7.SHOW ALL THE TABLES FROM THE DATABASE

QUERY-> **SHOW TABLES;**



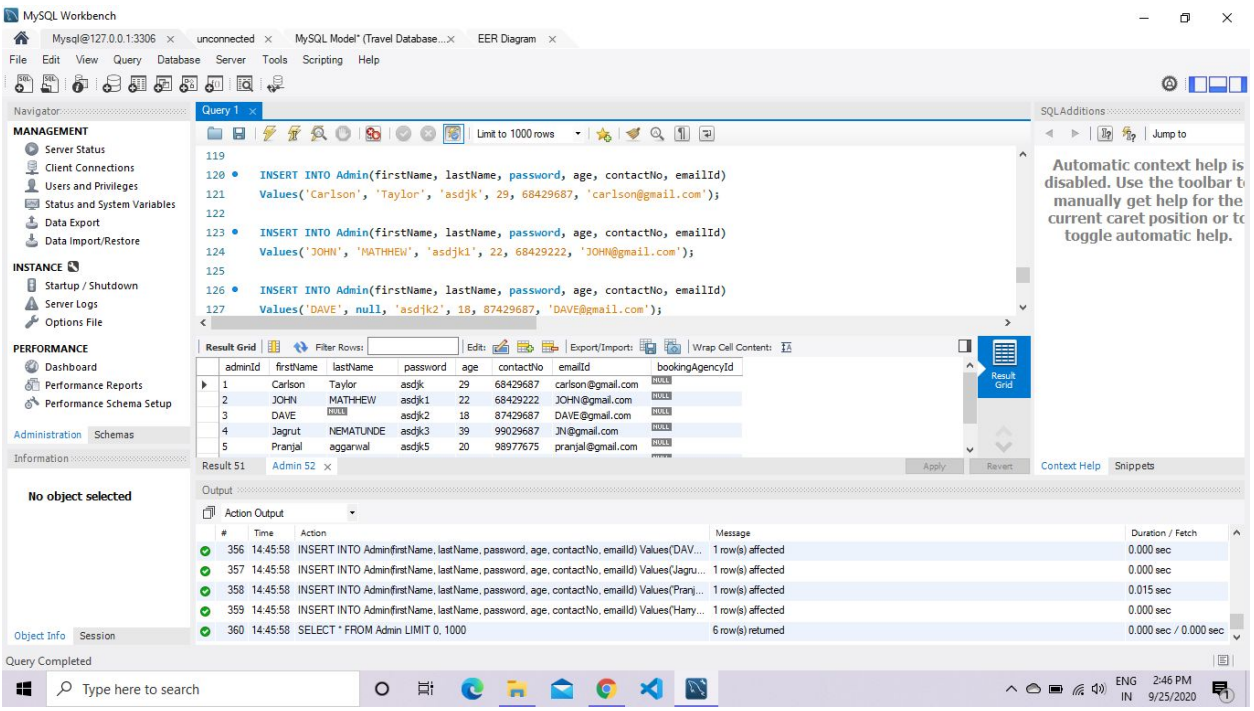
8.INSERT 5-10 ROWS IN EACH TABLE OF YOUR DATABASE

QUERY-> **INSERT INTO Admin(firstName, lastName, password, age, contactNo, emailId)**
Values('Carlson', 'Taylor', 'asdjk', 29, 68429687, 'xyz@gmail.com');



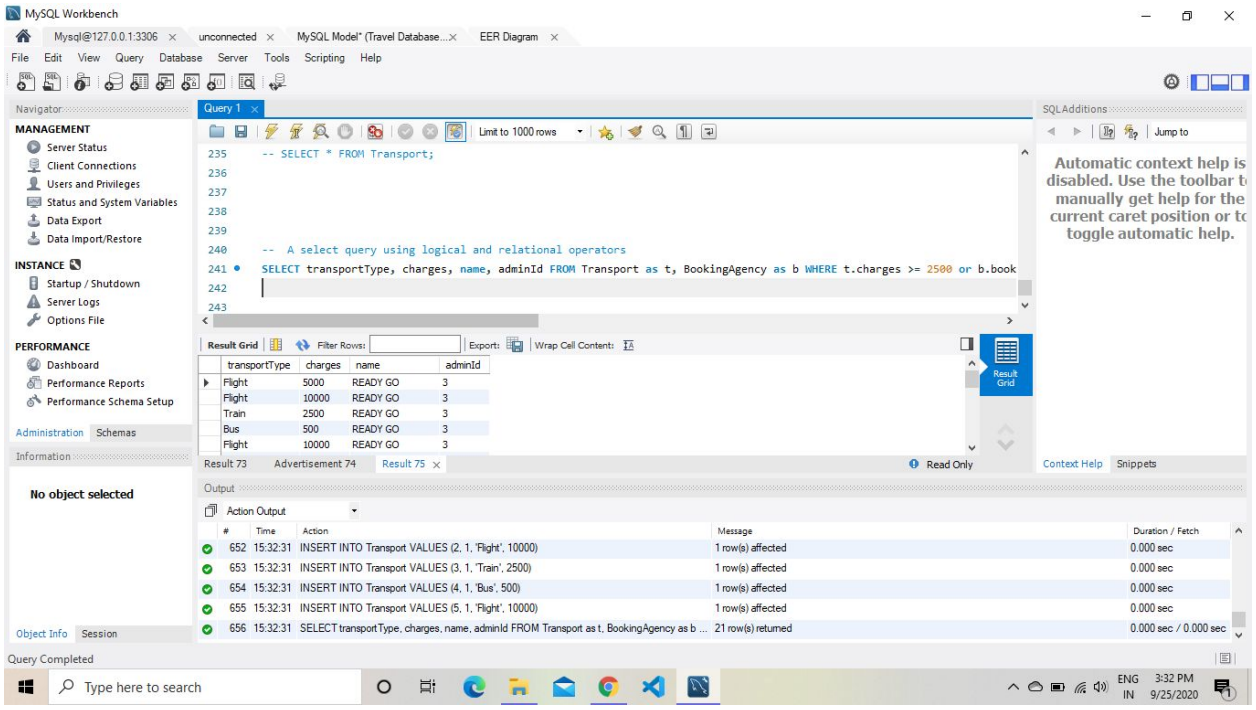
9.SHOW USAGE OF SIMPLE SELECT STATEMENT

QUERY-> **SELECT * FROM Admin;**



10.SELECT STATEMENT USING RELATIONAL AND LOGICAL OPERATORS

QUERY-> **SELECT transportType, charges, name, adminId FROM Transport as t, BookingAgency as b WHERE t.charges >= 2500 or b.bookingAgencyId = 1;**



11. ONE SIMPLE SUBQUERY USING SELECT

QUERY-> **SELECT firstName, lastName, transportType FROM User as u, Transport as t WHERE transportType IN (SELECT transportType FROM Transport where transportType = 'Flight');**