```
mysql> -- Joshi,Kunal
mysql> -- 09/7/2019
mysql> -- Homework #2
mysql> -- EMAIL  kj4732@rit.edu
mysql> select 'ISTE-230-01', 'HW02' as "Joshi,Kunal Deepak",curdate() as
"Todays Date";
--------------
select 'ISTE-230-01', 'HW02' as "Joshi,Kunal Deepak",curdate() as "Todays
Date"
--------------

+-------------+--------------------+-------------+
| ISTE-230-01 | Joshi,Kunal Deepak | Todays Date |
+-------------+--------------------+-------------+
| ISTE-230-01 | HW02               | 2019-09-07  |
+-------------+--------------------+-------------+
1 row in set (0.00 sec)

mysql> #Question 1 --  Create the database named Conman
mysql> CREATE DATABASE Conman;
--------------
CREATE DATABASE Conman
--------------

Query OK, 1 row affected (0.03 sec)

mysql> -- Now we will work with Conman database
mysql> USE Conman;
Database changed
mysql> #Question 2 --  Create the contact_info table in Conman database
mysql> SOURCE D:\DATABASE\HW\HW02\Joshi_createContactInfoTable.sql
--------------
create table contact_info
(
firstName varchar(25),
middleInitial char(1),
lastName varchar(25),
suffixDescription varchar(5),
titleDescription varchar(5),
jobTitle varchar(40),
department varchar(30),
email varchar(35),
url varchar(50),
IMaddress varchar(25),
phoneNumber varchar(25),
phoneDescription varchar(10),
birthday date,
notes varchar(255),
companyName varchar(30),
addressLine1 varchar(40),
addressLine2 varchar(40),
city varchar(20),
state_province varchar(15),
zip_postalcode varchar(10),
country_region varchar(15),
companyURL varchar(50),
companyPhone varchar(12),
PRIMARY KEY(email)
)
--------------
```

```
Query OK, 0 rows affected (0.05 sec)

mysql> -- Now verifying the structure of the contact_info table
mysql> DESCRIBE contact_info;
--------------
DESCRIBE contact_info
--------------

+------------------+--------------+------+-----+---------+-------+
| Field            | Type         | Null | Key | Default | Extra |
+------------------+--------------+------+-----+---------+-------+
| firstName        | varchar(25)  | YES  |     | NULL    |       |
| middleInitial    | char(1)      | YES  |     | NULL    |       |
| lastName         | varchar(25)  | YES  |     | NULL    |       |
| suffixDescription| varchar(5)   | YES  |     | NULL    |       |
| titleDescription | varchar(5)   | YES  |     | NULL    |       |
| jobTitle         | varchar(40)  | YES  |     | NULL    |       |
| department       | varchar(30)  | YES  |     | NULL    |       |
| email            | varchar(35)  | NO   | PRI | NULL    |       |
| url              | varchar(50)  | YES  |     | NULL    |       |
| IMaddress        | varchar(25)  | YES  |     | NULL    |       |
| phoneNumber      | varchar(25)  | YES  |     | NULL    |       |
| phoneDescription | varchar(10)  | YES  |     | NULL    |       |
| birthday         | date         | YES  |     | NULL    |       |
| notes            | varchar(255) | YES  |     | NULL    |       |
| companyName      | varchar(30)  | YES  |     | NULL    |       |
| addressLine1     | varchar(40)  | YES  |     | NULL    |       |
| addressLine2     | varchar(40)  | YES  |     | NULL    |       |
| city             | varchar(20)  | YES  |     | NULL    |       |
| state_province   | varchar(15)  | YES  |     | NULL    |       |
| zip_postalcode   | varchar(10)  | YES  |     | NULL    |       |
| country_region   | varchar(15)  | YES  |     | NULL    |       |
| companyURL       | varchar(50)  | YES  |     | NULL    |       |
| companyPhone     | varchar(12)  | YES  |     | NULL    |       |
+------------------+--------------+------+-----+---------+-------+
23 rows in set (0.03 sec)

mysql> #Question 3 -- Inserting data into contact_info table
mysql> SOURCE D:\DATABASE\HW\HW02\Joshi_insertContactInfoTable.sql
--------------
Insert into
contact_info(firstName,middleInitial,lastName,suffixDescription,titleDesc
ription,email) values ("Kunal","D","Joshi","MS","Mr.","kj4732@rit.edu")
--------------

Query OK, 1 row affected (0.03 sec)

--------------
Insert into contact_info
(firstName,
middleInitial,
lastName,
suffixDescription,
titleDescription,
jobTitle,
department,
email,
url,
IMaddress,
```

```sql
phoneNumber,
phoneDescription,
birthday,
notes,
companyName,
addressLine1,
city,
state_province,
zip_postalcode,
country_region,
companyURL,
companyPhone)
values
("Jacob",
"P",
"Jacobson",
"Jr.",
"Mr.",
"Director",
"Finance",
"rjameson@concor.com",
"www.concor.com/~rjames",
"jpjacobson",
"323-546-6834 ext.29",
"work",
"1969-07-13",
"All meetings must be scheduled through Charlene Reynolds",
"Concor International Inc.",
"143 South Main Street",
"Los Angeles",
"CA",
"90012-3712",
"USA",
"www.concor.com",
"323-546-6834")
--------------

Query OK, 1 row affected (0.00 sec)

--------------
Insert into contact_info
(firstName,
lastName,
titleDescription,
jobTitle,
department,
email,
IMaddress,
phoneNumber,
phoneDescription,
birthday,
notes,
companyName,
addressLine1,
city,
state_province,
zip_postalcode,
country_region,
companyURL,
companyPhone)
```

```
values
("Charlene",
"Reynolds",
"Mrs.",
"Assistant to Finance Director",
"Finance",
"creynolds@concor.com",
"charreynolds",
"323-546-6834 ext.30",
"work",
"1972-06-15",
"Very nice, but can make things difficult if you make her angry",
"Concor International Inc.",
"143 South Main Street",
"Los Angeles",
"CA",
"90012-3712",
"USA",
"www.concor.com",
"323-546-6834")
--------------

Query OK, 1 row affected (0.00 sec)

--------------
Insert into contact_info
(firstName,
middleInitial,
lastName,
titleDescription,
jobTitle,
department,
email,
phoneNumber,
phoneDescription,
birthday,
notes,
companyName
)
values
(
"Karson",
"B",
"Campbell",
"Dr.",
"Chief Resident",
"Pediatrics",
"kbc232@mvch.org",
"585-544-1212",
"home",
"1955-01-05",
"Wife: Molly Kids: Cassidy, Justine, and Cory.",
"Mountain View Hospital"
)
--------------

Query OK, 1 row affected (0.00 sec)

--------------
Insert into contact_info
```

```
(firstName,
middleInitial,
lastName,
suffixDescription,
titleDescription,
jobTitle,
department,
email,
phoneNumber,
phoneDescription,
birthday,
notes,
companyName,
addressLine1,
addressLine2,
city,
state_province,
zip_postalcode,
country_region,
companyURL)
values
(
"Les",
"M",
"Nelson",
"Ph.D.",
"Prof.",
"Professor",
"Business",
"Imnbus@rit.edu",
"585-475-0000",
"work",
"1964-03-23",
"Hates when work is submitted late",
"RIT",
"Bldg.12",
"102 Lomb Memorial Drive",
"Rochester",
"NY",
"14623",
"USA",
"www.rit.edu"
)
--------------

Query OK, 1 row affected (0.00 sec)

--------------
Insert into contact_info
(firstName,
lastName,
titleDescription,
email,
IMaddress,
phoneNumber,
phoneDescription,
birthday,
notes
)
values
```

```
("Rachel",
"Woods",
"Miss.",
"goof@go.com",
"Goofy12",
"585-532-4332",
"cell",
"1985-05-06",
"Favorite color is purple")
-------------

Query OK, 1 row affected (0.00 sec)

mysql> -- To verify that the information has been successfully inserted
into the contact_info table
mysql> SELECT * FROM contact_info;
-------------
SELECT * FROM contact_info
-------------
```

```
+-----------+---------------+----------+------------------+-------------
-----+-----------------------------+------------+---------------------
+---------------------+-------------+---------------------+----------
--------+-----------+---------------------------------------------------
------------+---------------------------+----------------------+-------
----------------+------------+--------------+---------------+------
----------+---------------+-------------+
| firstName | middleInitial | lastName | suffixDescription |
titleDescription | jobTitle                  | department | email
| url              | IMaddress   | phoneNumber         |
phoneDescription | birthday   | notes
| companyName               | addressLine1         | addressLine2
| city       | state_province | zip_postalcode | country_region |
companyURL     | companyPhone |
+-----------+---------------+----------+------------------+-------------
-----+-----------------------------+------------+---------------------
+---------------------+-------------+---------------------+----------
--------+-----------+---------------------------------------------------
------------+---------------------------+----------------------+-------
----------------+------------+--------------+---------------+------
----------+---------------+-------------+
| Charlene  | NULL          | Reynolds | NULL              | Mrs.
| Assistant to Finance Director | Finance    | creynolds@concor.com |
NULL              | charreynolds | 323-546-6834 ext.30 | work
| 1972-06-15 | Very nice, but can make things difficult if you make her
angry | Concor International Inc. | 143 South Main Street | NULL
| Los Angeles | CA          | 90012-3712     | USA            |
www.concor.com | 323-546-6834 |
| Rachel    | NULL          | Woods    | NULL              | Miss.
| NULL                          | NULL       | goof@go.com          |
NULL              | Goofy12     | 585-532-4332        | cell
| 1985-05-06 | Favorite color is purple
| NULL                      | NULL                 | NULL
| NULL       | NULL           | NULL           | NULL           | NULL
| NULL          |
| Les       | M             | Nelson   | Ph.D.             | Prof.
| Professor                     | Business   | lmnbus@rit.edu       |
NULL              | NULL        | 585-475-0000        | work
| 1964-03-23 | Hates when work is submitted late
| RIT                       | Bldg.12              | 102 Lomb Memorial
```

Drive | Rochester | NY | 14623 | USA |
www.rit.edu | NULL |
| Karson | B | Campbell | NULL | Dr.
| Chief Resident | Pediatrics | kbc232@mvch.org |
NULL | NULL | 585-544-1212 | home
| 1955-01-05 | Wife: Molly Kids: Cassidy, Justine, and Cory.
| Mountain View Hospital | NULL | NULL
| NULL | NULL | NULL | NULL | NULL
| NULL |
| Kunal | D | Joshi | MS | Mr.
| NULL | NULL | kj4732@rit.edu |
NULL | NULL | NULL | NULL
| NULL | NULL
| NULL | NULL | NULL
| NULL | NULL | NULL | NULL | NULL
| NULL |
| Jacob | P | Jacobson | Jr. | Mr.
| Director | Finance | rjameson@concor.com |
www.concor.com/~rjames | jpjacobson | 323-546-6834 ext.29 | work
| 1969-07-13 | All meetings must be scheduled through Charlene Reynolds
| Concor International Inc. | 143 South Main Street | NULL
| Los Angeles | CA | 90012-3712 | USA |
www.concor.com | 323-546-6834 |
+-----------+-------------+----------+------------------+------------
-----+----------------------------+-----------+---------------------
+---------------------+------------+--------------------+----------
---------+-----------+--
------------+--------------------------+---------------------+------
-----------------+-----------+---------------+---------------+------
----------+---------------+--------------+
6 rows in set (0.03 sec)

mysql> #Question 4 -- Query the contact_info table
mysql> select firstnames,lastnames from contact_info where lastName like
"Nelson";
----
select firstnames,lastnames from contact_info where lastName like
"Nelson"

+-----------+----------+
| firstName | lastName |
+-----------+----------+
| Les | Nelson |
+-----------+----------+
1 row in set (0.01 sec)

mysql> select firstName,lastName,jobTitle,department from contact_info
where companyName like "Concor International Inc.";
----
select firstName,lastName,jobTitle,department from contact_info where
companyName like "Concor International Inc."

+-----------+----------+------------------------------+------------+
| firstName | lastName | jobTitle | department |
+-----------+----------+------------------------------+------------+
| Charlene | Reynolds | Assistant to Finance Director | Finance |
| Jacob | Jacobson | Director | Finance |
+-----------+----------+------------------------------+------------+

```
2 rows in set (0.00 sec)

mysql> SELECT * FROM contact_info;
--------------
SELECT * FROM contact_info
--------------

+-----------+---------------+----------+-----------------+------------
-----+----------------------------+------------+--------------------
+---------------------+-------------+--------------------+----------
--------+-----------+--------------------------------------------
------------+--------------------------+---------------------+------
----------------+------------+--------------+---------------+------
----------+---------------+-------------+
| firstName | middleInitial | lastName | suffixDescription |
titleDescription | jobTitle                    | department | email
| url                | IMaddress   | phoneNumber        |
phoneDescription | birthday   | notes
| companyName              | addressLine1        | addressLine2
| city        | state_province | zip_postalcode | country_region |
companyURL    | companyPhone |
+-----------+---------------+----------+-----------------+------------
-----+----------------------------+------------+--------------------
+---------------------+-------------+--------------------+----------
--------+-----------+--------------------------------------------
------------+--------------------------+---------------------+------
----------------+------------+--------------+---------------+------
----------+---------------+-------------+
| Charlene  | NULL          | Reynolds | NULL            | Mrs.
| Assistant to Finance Director | Finance    | creynolds@concor.com |
NULL                | charreynolds | 323-546-6834 ext.30 | work
| 1972-06-15 | Very nice, but can make things difficult if you make her
angry | Concor International Inc. | 143 South Main Street | NULL
| Los Angeles | CA             | 90012-3712     | USA            |
www.concor.com | 323-546-6834 |
| Rachel    | NULL          | Woods    | NULL            | Miss.
| NULL                        | NULL       | goof@go.com        |
NULL                | Goofy12      | 585-532-4332       | cell
| 1985-05-06 | Favorite color is purple
| NULL                     | NULL                | NULL
| NULL        | NULL           | NULL           | NULL           | NULL
| NULL        |
| Les       | M             | Nelson   | Ph.D.           | Prof.
| Professor                   | Business   | Imnbus@rit.edu     |
NULL                | NULL        | 585-475-0000       | work
| 1964-03-23 | Hates when work is submitted late
| RIT                      | Bldg.12             | 102 Lomb Memorial
Drive | Rochester    | NY             | 14623          | USA            |
www.rit.edu    | NULL         |
| Karson    | B             | Campbell | NULL            | Dr.
| Chief Resident              | Pediatrics | kbc232@mvch.org    |
NULL                | NULL        | 585-544-1212       | home
| 1955-01-05 | Wife: Molly Kids: Cassidy, Justine, and Cory.
| Mountain View Hospital   | NULL                | NULL
| NULL        | NULL           | NULL           | NULL           | NULL
| NULL        |
| Kunal     | D             | Joshi    | MS              | Mr.
| NULL                        | NULL       | kj4732@rit.edu     |
NULL                | NULL        | NULL               | NULL
| NULL        | NULL
```

```
| NULL                     | NULL                    | NULL
| NULL          | NULL             | NULL                 | NULL
| NULL          |
| Jacob         | P                | Jacobson | Jr.                | Mr.
| Director                 | Finance      | rjameson@concor.com  |
www.concor.com/~rjames | jpjacobson   | 323-546-6834 ext.29 | work
| 1969-07-13 | All meetings must be scheduled through Charlene Reynolds
| Concor International Inc. | 143 South Main Street | NULL
| Los Angeles | CA              | 90012-3712    | USA                |
www.concor.com | 323-546-6834 |
+-----------+--------------+----------+-----------------+------------
-----+--------------------------+-----------+--------------------
+--------------------+------------+--------------------+----------
--------+-----------+---------------------------------------------
------------+----------------------------------+-----------------
---------------+-------------+---------------+---------------+------
----------+---------------+-------------+
6 rows in set (0.01 sec)

mysql> select firstName,lastName from contact_info where
state_province<>"CA";
--------------
select firstName,lastName from contact_info where state_province<>"CA"
--------------

+-----------+----------+
| firstName | lastName |
+-----------+----------+
| Les       | Nelson   |
+-----------+----------+
1 row in set (0.00 sec)

mysql> select firstName,lastName,phoneNumber from contact_info where
phoneDescription is in ("home","cell");
--------------
select firstName,lastName,phoneNumber from contact_info where
phoneDescription is in ("home","cell")
--------------

mysql> select firstName,lastName,phoneNumber from contact_info where
phoneDescription="home" or phoneDescription="cell";
--------------
select firstName,lastName,phoneNumber from contact_info where
phoneDescription="home" or phoneDescription="cell"
--------------

+-----------+----------+--------------+
| firstName | lastName | phoneNumber  |
+-----------+----------+--------------+
| Rachel    | Woods    | 585-532-4332 |
| Karson    | Campbell | 585-544-1212 |
+-----------+----------+--------------+
2 rows in set (0.01 sec)

mysql> notee
```