create database locate\_io;

use locate\_io;

create table credentials(Uname varchar(50) PRIMARY KEY, Password varchar(50));

insert into credentials (uname,password) values ('ilovespices','rahul@99');

insert into credentials (uname,password) values ('dungeon\_master','foodislife');

insert into credentials (uname,password) values ('cutie\_pie','luvpie123');

create table credentials\_bak select \* from credentials;

create table Gulmohar (S\_no int (2) auto\_increment primary key,Place varchar(50),Landmark varchar(200),phone\_no bigint(10) unique,Cost\_for\_two varchar(4) default 'null',Rating decimal(2,1));

create table 10\_no (S\_no int (2) auto\_increment primary key,Place varchar(50),Landmark varchar(200),phone\_no bigint(10) unique,Cost\_for\_two varchar(4) default 'null',Rating decimal(2,1));

create table MP\_Nagar (S\_no int (2) auto\_increment primary key,Place varchar(50),Landmark varchar(200),phone\_no bigint(10) unique,Cost\_for\_two varchar(4) default 'null',Rating decimal(2,1));

create table Oldcity (S\_no int (2) auto\_increment primary key,Place varchar(50),Landmark varchar(200),phone\_no bigint(10) unique,Cost\_for\_two varchar(4) default 'null',Rating decimal(2,1));

insert into gulmohar values ('1','Bombay Street Cafe','G9 Tower, 1st Floor, Opp., Aura Mall , Gulmohar., Bhopal, Madhya Pradesh 462039','8889851888','500','3.5');

insert into gulmohar values ('2','Kafe Kulture','A-66A, Jai Bhawani Housing Society, Bawadiyan Kalan, Gulmohar Colony,Bhopal','9893769492','600','3.5');

insert into gulmohar values ('3','Subway','Shop no. 2, Ground floor Aura mall, Gulmohar, Bhopal, Madhya Pradesh 462016','07556062222','800','3.0');

insert into gulmohar values ('4','Rolls Mania','Shop 4, Green City Mall, Gulmohar Colony, Bhopal','07554900222','300','3.0');

insert into gulmohar values ('5','PVR CINEMAS','E-8, AURA Mall, Trilanga Colony, Gulmohar, Fortune Pride, Shahpura, Bhopal, Madhya Pradesh 462039','8800900009','300','4.0');

insert into gulmohar values ('6','Tilaks Chocolady Bakery & Restaurant','Plot 2, Trilochand Nagar, Near Bank Of Baroda, Gulmohar Colony, Bhopal','9179177114','300','4.5');

insert into gulmohar values ('7','7 Course','Shop No. G-10, Kk Platinum, Trilanga, Gulmohar, Bhopal, Madhya Pradesh 462016','9826677733','500','3.5');

insert into oldcity values ('1','Zam Zam Fast Food','Besides Corporation Bank, Bharat Talkies Road, Bhopal, Madhya Pradesh 462001, India','9009019196','500','4.5');

insert into oldcity values ('2','Khan Sahab Restaurant & Fast Food','Model Ground, Hamidia Road, Bhopal, Madhya Pradesh, India','9229332500','500','4.5');

insert into oldcity values ('3','Jameel Hotel','Shop No 24, Gali No 1, Near Moti Masjid, Ibrahimpura, Bhopal, Madhya Pradesh, 462001, India','9893615785','500','4.0');

insert into oldcity values ('4','Shobhit Food Storm','Guliya Dai Street, Lalwani Press, Itwara Road, Bhopal M.P, 462001, Bhopal, Madhya Pradesh 462001','8817770201',’500’,'3.5');

insert into oldcity (S\_no,place,landmark,rating) values ('5','Sangam Cineplex','Hamidia Road, Near Railway Overbridge, Main Railway Station, Dangi Colony, Ghora Nakkas, Peer Gate Area, Bhopal, Madhya Pradesh 462001, India','2.5');

insert into oldcity (S\_no,place,landmark,rating) values ('6','Alapana Talkies','Hamidia Rd, Railway Colony, Bhopal, Madhya Pradesh 460160','2.5');

insert into oldcity (S\_no,place,landmark,phone\_no,rating) values ('7','Bharat Talkies','37, Chhawni Road, Patwa Market, Momin Pura, Peer Gate Area, Bhopal, Madhya Pradesh 462001','07552535225','3.5');

insert into mp\_nagar values ('1','Manohar Dairy And Restaurant','132, Zone 1, Maharana Pratap Nagar, Bhopal','07554040407','400','3.0');

insert into mp\_nagar values ('2','Greek Food and Beyond','R-8, 3rd Floor, DB City Mall, Hoshangabad Road, M. P. Nagar, Arera Hills, Bhopal, Madhya Pradesh 462016','07556644108','500','4.0');

insert into mp\_nagar values ('3','Bake N Shake','Near Jyoti Cineplex, Zone 1, Maharana Pratap Nagar, Bhopal','07554292222','400','3.0');

insert into mp\_nagar values ('4','Bay Leaf - Courtyard Marriott','Courtyard By Marriot, 4th Floor, DB City Mall, Maharana Pratap Nagar, Bhopal','07553096236','400','3.5');

insert into mp\_nagar values ('5','Hong Kong Chinese Restaurant','131/4, Near Pragati Petrol Pump, Zone-II, MP Nagar, Bhopal, Madhya Pradesh 462021','07554271900','400','4.0');

insert into mp\_nagar values ('6','Jyoti Cineplex','MP Nagar Zone-I, Bhopal,, Bhopal, Madhya Pradesh 462011','07552768680','400','4.0');

insert into mp\_nagar (S\_no,place,landmark,rating) values ('7', 'Fun Cinemas','Level 4, D.B. City, Arera Hills, M.P. Nagar, Bhopal, Madhya Pradesh 462011','4.0');

insert into 10\_no values ('1','Sagar Gaire Fast Food','10, Number Market, Arera Colony, Bhopal','9424438581','400','5.0');

insert into 10\_no values ('2','Bake N Shake','B-1, GM Tower, Stop No. 10, Arera Colony, Bhopal','07554291111','500','4.5');

insert into 10\_no values ('3','Hideout',' 10 no. Market, E-3/52, Area Colony, Apposite Shree Brijesh Sweet Centre, Bhopal, Madhya Pradesh 462016','098932 38187','800','4.0');

insert into 10\_no values ('4','Day 2 Day','71, 10 No Market, Arera Colony, Bhopal, Madhya Pradesh 462001','07554222281','500','3.5');

create table 10\_no\_bak select \* from 10\_no;

create table gulmohar\_bak select \* from gulmohar;

create table mp\_nagar\_bak select \* from mp\_nagar;

create table oldcity\_bak select \* from oldcity;

insert into credentials (uname,password) values ('pierunny','bl4ck4ndwhite');

insert into credentials (uname,password) values ('jeetu99','cyberboy174');

insert into credentials (uname,password) values ('iloveu','milkshakes');

insert into credentials (uname,password) values ('chocopiiii','chocolife');

insert into credentials\_bak (uname,password) values ('pierunny','bl4ck4ndwhite');

insert into credentials\_bak (uname,password) values ('jeetu99','cyberboy174');

insert into credentials\_bak (uname,password) values ('iloveu','milkshakes');

insert into credentials\_bak (uname,password) values ('chocopiiii','chocolife');

CORRECTIONS

1. PHONE\_NO : This problem was solved by using 'BIGINT(10)' instead of 'INT(10)'. A little knowledge would of SQL have helped!

2. RATING : This problem was solved by using 'DECIMAL(2,1)' instead of 'DEC(1,1)'. A better understanding of DECIMAL data type would have helped!

3. QUERIES : This is a point to be taken into consideration. I was unable to understand that WHY THE HELL were he locations of BITTAN MARKET placed in 10 NO STOP table. If you wanted to do so you should have created a seperate table.

P.S. I am not creating the table as it has only 3 entries and we have enough data.

4.ADDRESS : This problem was resolve by ONLY changing the databases extracting code from "Address" to "Landmark" ONLY in 8 jframes with suffix - food,movie. And was uploaded as "locate.io 2".

TO IMPORT THE SQL FILE, PASTE THESE COMMANDS:

mysql -u username -p -h localhost DATA-BASE-NAME < data.sql

ENTER PASSWORD : Enter password here!

PROOF RESULT:

mysql> use locate\_io;

Database changed

mysql> select \* from gulmohar;

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

| S\_no | Place | Landmark | phone\_no | Cost\_for\_two | Rating |

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

| 1 | Bombay Street Cafe | G9 Tower, 1st Floor, Opp., Aura Mall , Gulmohar., Bhopal, Madhya Pradesh 462039 | 8889851888 | 500 | 3.5 |

| 2 | Kafe Kulture | A-66A, Jai Bhawani Housing Society, Bawadiyan Kalan, Gulmohar Colony,Bhopal | 919893769492 | 600 | 3.5 |

| 3 | Subway | Shop no. 2, Ground floor Aura mall, Gulmohar, Bhopal, Madhya Pradesh 462016 | 7556062222 | 800 | 3.0 |

| 4 | Rolls Mania | Shop 4, Green City Mall, Gulmohar Colony, Bhopal | 7554900222 | 300 | 3.0 |

| 5 | PVR CINEMAS | E-8, AURA Mall, Trilanga Colony, Gulmohar, Fortune Pride, Shahpura, Bhopal, Madhya Pradesh 462039 | 8800900009 | 300 | 4.0 |

| 6 | Tilaks Chocolady Bakery & Restaurant | Plot 2, Trilochand Nagar, Near Bank Of Baroda, Gulmohar Colony, Bhopal | 9179177114 | 300 | 4.5 |

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

6 rows in set (0.00 sec)

mysql> select \* from oldcity;

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

| S\_no | Place | Landmark | phone\_no | Cost\_for\_two | Rating |

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

| 1 | Zam Zam Fast Food | Besides Corporation Bank, Bharat Talkies Road, Bhopal, Madhya Pradesh 462001, India | 9009019196 | 500 | 4.5 |

| 2 | Khan Sahab Restaurant & Fast Food | Model Ground, Hamidia Road, Bhopal, Madhya Pradesh, India | 9229332500 | 500 | 4.5 |

| 3 | Jameel Hotel | Shop No 24, Gali No 1, Near Moti Masjid, Ibrahimpura, Bhopal, Madhya Pradesh, 462001, India | 9893615785 | 500 | 4.0 |

| 4 | Shobhit Food Storm | Guliya Dai Street, Lalwani Press, Itwara Road, Bhopal M.P, 462001, Bhopal, Madhya Pradesh 462001 | 8817770201 | 500 | 3.5 |

| 5 | Sangam Cineplex | Hamidia Road, Near Railway Overbridge, Main Railway Station, Dangi Colony, Ghora Nakkas, Peer Gate Area, Bhopal, Madhya Pradesh 462001, India | NULL | null | 2.5 |

| 6 | Alapana Talkies | Hamidia Rd, Railway Colony, Bhopal, Madhya Pradesh 460160 | NULL | null | 2.5 |

| 7 | Bharat Talkies | 37, Chhawni Road, Patwa Market, Momin Pura, Peer Gate Area, Bhopal, Madhya Pradesh 462001 | 7552535225 | null | 3.5 |

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

7 rows in set (0.00 sec)

mysql> select \* from mp\_nagar;

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

| S\_no | Place | Landmark | phone\_no | Cost\_for\_two | Rating |

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

| 1 | Manohar Dairy And Restaurant | 132, Zone 1, Maharana Pratap Nagar, Bhopal | 7554040407 | 400 | 3.0 |

| 2 | Greek Food and Beyond | R-8, 3rd Floor, DB City Mall, M.P. Nagar, Arera Hills, Bhopal, Madhya Pradesh 462016 | 7556644108 | 500 | 4.0 |

| 3 | Bake N Shake | Near Jyoti Cineplex, Zone 1, Maharana Pratap Nagar, Bhopal | 7554292222 | 400 | 3.0 |

| 4 | Bay Leaf - Courtyard Marriott | Courtyard By Marriot, 4th Floor, DB City Mall, Maharana Pratap Nagar, Bhopal | 7553096236 | 400 | 3.5 |

| 5 | Hong Kong Chinese Restaurant | 131/4, Near Pragati Petrol Pump, Zone-II, MP Nagar, Bhopal, Madhya Pradesh 462021 | 7554271900 | 400 | 4.0 |

| 6 | Jyoti Cineplex | MP Nagar Zone-I, Bhopal,, Bhopal, Madhya Pradesh 462011 | 7552768680 | 400 | 4.0 |

| 7 | Fun Cinemas | Level 4, D.B. City, Arera Hills, M.P. Nagar, Bhopal, Madhya Pradesh 462011 | NULL | null | 4.0 |

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

7 rows in set (0.00 sec)

mysql> select \* from 10\_no;

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

| S\_no | Place | Landmark | phone\_no | Cost\_for\_two | Rating |

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

| 1 | Sagar Gaire Fast Food | 10, Number Market, Arera Colony, Bhopal | 9424438581 | 400 | 5.0 |

| 2 | Bake N Shake | B-1, GM Tower, Stop No. 10, Arera Colony, Bhopal | 7554291111 | 500 | 4.5 |

| 3 | Hideout | 10 no. Market, E-3/52, Area Colony, Apposite Shree Brijesh Sweet Centre, Bhopal, Madhya Pradesh 462016 | 9893238187 | 800 | 4.0 |

| 4 | Day 2 Day | 71, 10 No Market, Arera Colony, Bhopal, Madhya Pradesh 462001 | 7554222281 | 500 | 3.5 |

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

4 rows in set (0.00 sec)