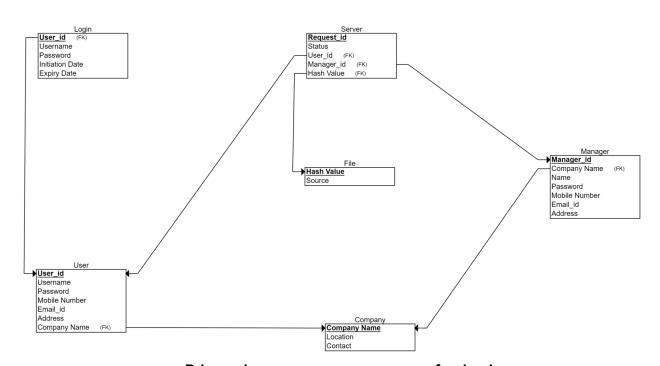
Exercise 3 & 4
Relational Model and SQL Commands

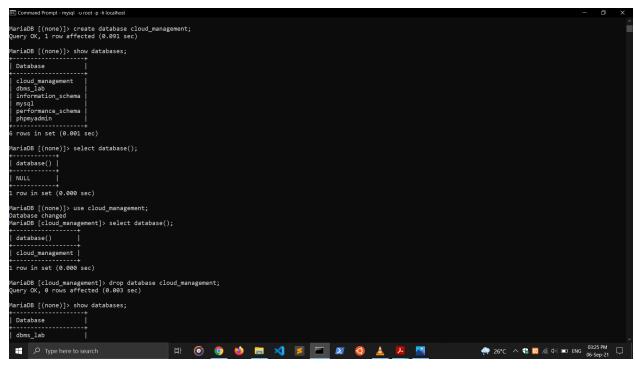


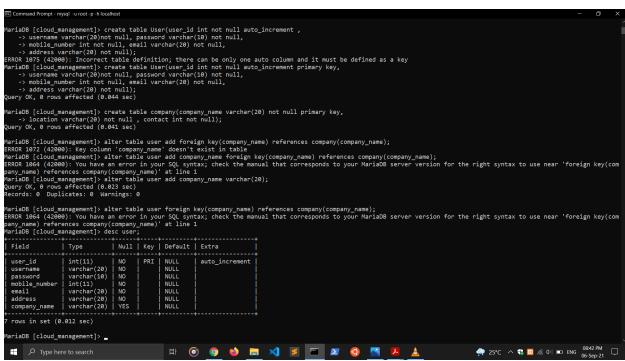
Primary key
User - user id
Login - user id
Company - company name
Server - request id
Manager - manager id
File - hash value

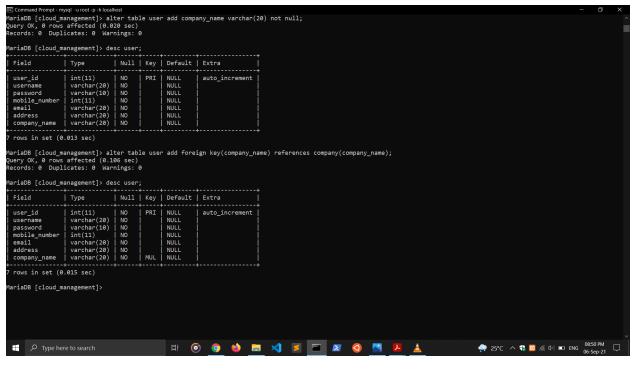
foreign key company name user id

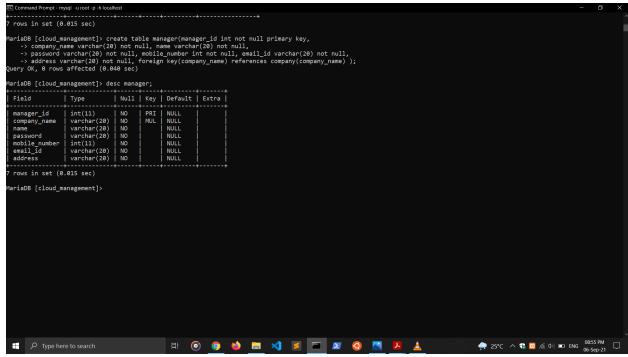
user id, manager id,hashvalue company name

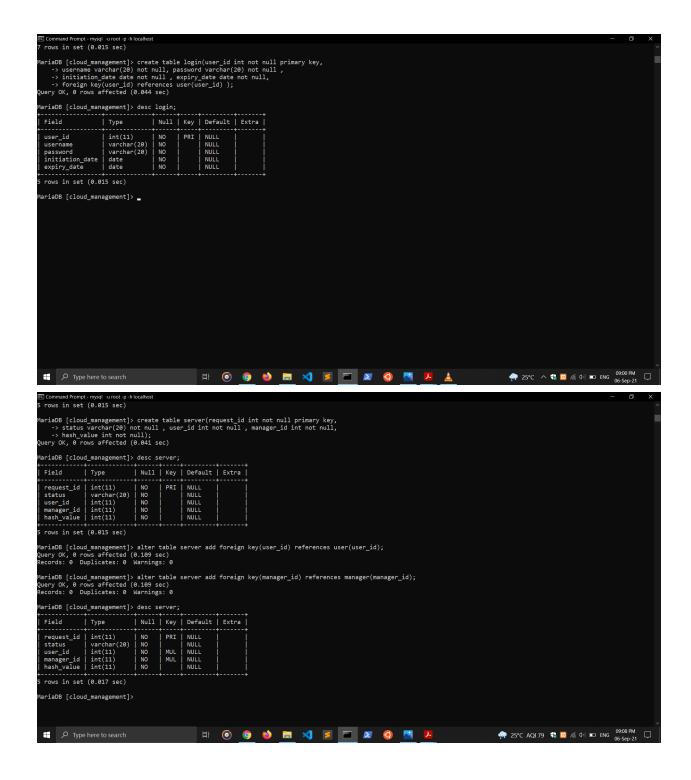
Screen shots of various SQL commands used

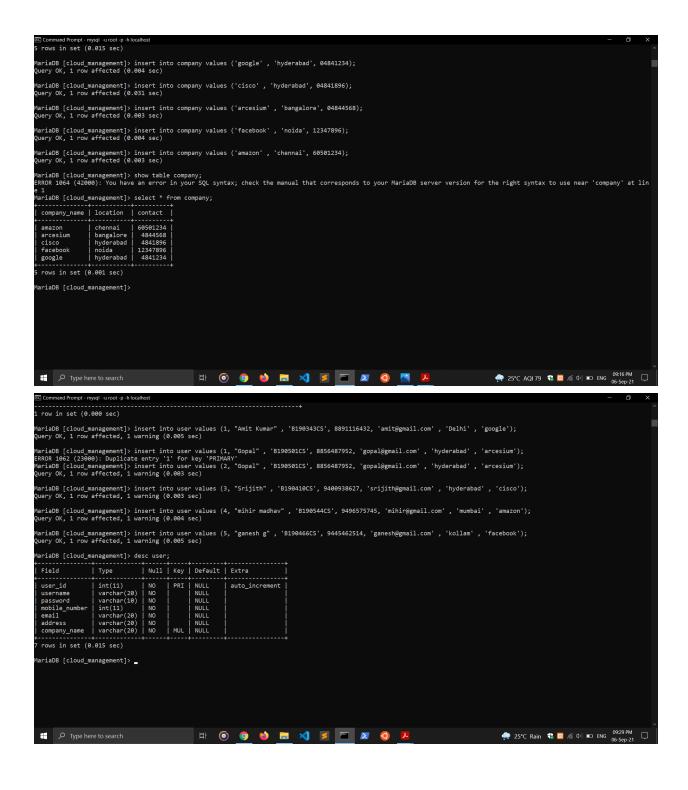


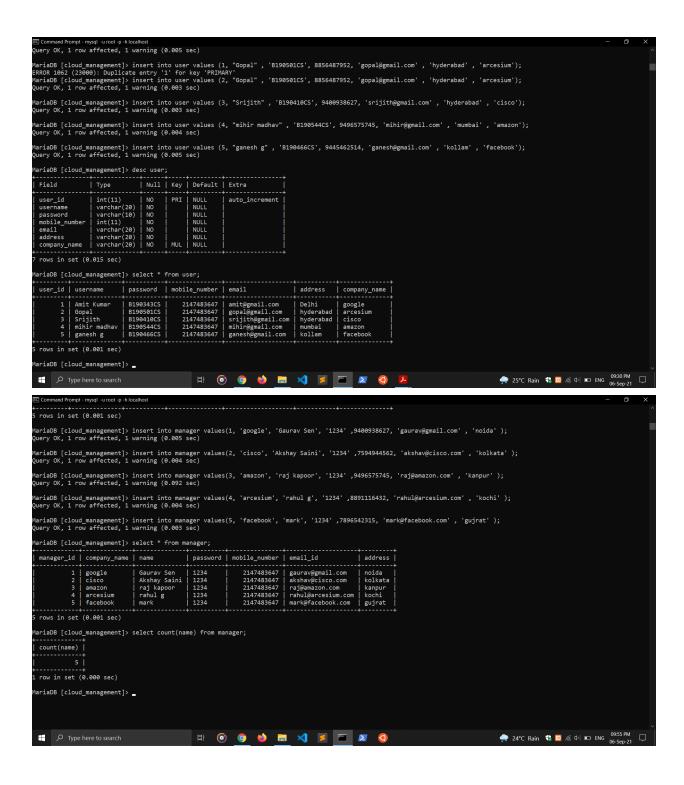












```
☑ Command Prompt-mysql-u-root-p-h-localhost
ariaDB [cloud_management]> insert into login values(1 , 'Amit Kumar' , 'B190343CS' , '2021-09-06' , '2021-09-30');
uery OK, 1 row affected (0.003 sec)
  ariaDB [cloud_management]> insert into login values(2 , 'Gopal' , 'B190501CS' , '2021-09-06' , '2021-09-30');
uery OK, 1 row affected (0.003 sec)
MariaDB [cloud_management]> insert into login values(3 , 'Srijith' , 'B198410CS' , '2021-09-06' , '2021-09-30');
Query OK, 1 row affected (0.004 sec)
 MariaDB [cloud_management]> insert into login values(4 , 'mihir madhav' , 'B190544CS' , '2021-09-06' , '2021-09-30');
Query OK, 1 row affected (0.003 sec)
 dariaDB [cloud_management]> insert into login values(5 , 'ganesh g' , 'B190466CS' , '2021-09-06' , '2021-09-30');
Duery OK, 1 row affected (0.004 sec)
  ariaDB [cloud_management]> select * from login;
 ariaOB [cloud_management]> select * from login;

user_id | username | password | initiation_date | expiry_date |

1 | Amit Kumar | B190343CS | 2021-09-06 | 2021-09-30 |
2 | Gopal | B190501CS | 2021-09-06 | 2021-09-30 |
3 | Srijith | B190410CS | 2021-09-06 | 2021-09-30 |
4 | minir madhav | B190544CS | 2021-09-06 | 2021-09-30 |
5 | ganesh g | B190466CS | 2021-09-06 | 2021-09-30 |
  rows in set (0.000 sec)
MariaDB [cloud_management]> select max(password) from login;
  max(password)
  B190544CS
  row in set (0.001 sec)
  ariaDB [cloud_management]>
 Type here to search
                                                                    H 💿 💿 🐸 🔚 刘 🂈 🖼 🧕
                                                                                                                                                                                                      ♠ 24°C Rain 😍 🖾 🦟 Φ) 🐿 ENG 1002 PM 🖵
 Command Prompt - mysql -u root -p -h localhost
uery OK, 1 row affected (0.003 sec)
 ariaDB [cloud_management]> select * from files;
RROR 1146 (42502): Table 'cloud_management.files' doesn't exist
ariaDB [cloud_management]> select * from file;
-------+
 hash_value | source

1 | update
2 | delete
3 | retrieve
4 | transfer
5 | share
  ariaDB [cloud_management]> select * from file
  hash_value | source |
               2 | delete
3 | retrieve
5 | share
4 | transfer
1 | update
  rows in set (0.001 sec)
 ariaDB [cloud_management]> select * from file
  -> order by source desc
  -> limit 4;
  hash_value | source |
               1 | update
4 | transfer
5 | share
3 | retrieve
  rows in set (0.000 sec)
 ariaDB [cloud_management]> _
                                                                    H 💿 🧿 🐸 🔚 🔰 🔼 🧕
                                                                                                                                                                                                   • 24°C AQI 78 ♥ ☑ //. Φ) № ENG 06-Sep-21
 Type here to search
```



