MYSQL

1. To open MYSQL monitor: /usr/local/mysql/bin/mysql -u root -p

2. show databases;

3. create database database_name;

4. use database_name;

5. show tables; or show tables in database_name (shows tables in database_name)

6.
```
mysql> create table tab1(
    -> name char(50),
    -> srn varchar(10),
    -> );
insert into tab1 (name,srn)
values ('John', 'pes01');
```

7. select * from tab1; (to show all columns content form tab1)

8. select first_name, last_name from table1 where id = 4;
(to select first_name and last_name columns with id = 1 rows only)

9. select first_name, last_name from table1 like ‘%apple%’;
(to select first_name and last_name columns when string apple is found in a row)

10. update MOCK_DATA
    set first_name = ‘Ramu’
    where id = 3;
(Change first_name to ‘Ramu’ where id=3)

11. delete from MOCK_DATA
    where id = 6;
(Deletes row with id = 6)

12. delete from MOCK_DATA
(Deletes all rows)

13. alter table MOCK_DATA
    rename DATA;
(Renames MOCK_DATA to DATA)

14. alter table DATA
    add new_col char(20) default ‘ok’
(Adds new_col with default val = ok)

15. alter table DATA
    drop new_col

16. alter table DATA
    change fist_name

```
    name char(20)
```
(Chage first_name to name with char typecast)

17.
```
create table tab2(
       id smallint not null auto_increment,
       name char(50),
       srn varchar(10),
       primary_key(id)
       );
```

18.
```
select name from food.recipies
    where (name like '%veg%' or name
     like '%chicken%');
```

Or

```
    select name from food.recipies
    where name regexp 'veg|chicken';
```

(Select all names from food database, recipies table such that name has veg it or name has chicken in it)

19.
```
select * from tab1 order by name asc;
 select * from tab1 order by class desc;
```

20. select * from table1 limit 3,4;
(Sart selecting from row 3 and select 4 rows from there)

21. select customers.surname,orders.date
    from customers,orders
    where orders.cuID = customers.cuID
(Select surname column from cutomers table and date column from orders table where cuID column in orders table and cuID of customers table are equal)