DAY2-

create database assignment;

use assignment;

1st

create table mobile(Custid int,CustName varchar(20),CustAddress varchar(40),CustPhone varchar(20));

insert into mobile values(11,'salvador','1 Main Street North',76197081653),(12,'Edward','142 Main Street West',80414444338),(15,'jorge','176 washington street',5879638300),(17,'stella','191 chruch street',7858483687),(18,'jerome','177 elm street',3023576053),(31,'jerome','1 Main street north',3609677792),(33,'ray','214 high street',6476557108),(35,'jorge','1 Main street north',8884264337),(36,'ernest','176 washington street',1715309401),(39,'nicholas','191 chruch street',5448206442);

select custName from mobile group by custname having count(custName)>1;

2nd

create table product(product\_id int,Prod\_name varchar(30),price int,cust\_id int);

insert into product values(1502,'samsung mobile',13000,18),(1503,'one plus',20000,12),(1504,'motoroal moto',9999,33),(1505,'red',26799,36),(1506,'google android',31430,15),(1507,'iphone 12',53900,17);

select c.custid,c.custname,p.prod\_name,p.price from mobile as c join product as p on c.custid=p.cust\_id;

select c.custname,p.prod\_name,p.price from mobile as c join product as p on c.custid=p.cust\_id order by p.price desc limit 1;

select p.Product\_id,p.Prod\_name,p.Price,c.\* from product as p

join mobile as c on c.custId = p.cust\_id ;

3rd

create table departments(departmentId int,departmentName varchar(30));

create table employees(employeeId int primary key,employeeName varchar(20),department int);

insert into employees values(1,'mark',1), (2,'john',1), (3,'mike',1),(4,'mary',2),(5,'stacy',3);

insert into departments values(1,'it'),(2,'hr'),(3,'payroll');

select e.\* ,d.\* from employees as e join departments as d on e.department=d.departmentId;

select count(\*) as count,departments.departmentName

from employees

inner join departments on employees.department= departments.departmentId

group by departments.departmentname;

4th

create user general@localhost identified by 'general';

Query OK, 0 rows affected (0.01 sec)

mysql> grant select on \*.\* to general@localhost;

Query OK, 0 rows affected (0.00 sec)

mysql> create user admin@localhost identified by 'admin';

Query OK, 0 rows affected (0.01 sec)

mysql> grant ALL PRIVILEGES on \* .\* to admin@localhost;

Query OK, 0 rows affected (0.01 sec)

5th

create table student(id int,name varchar(27),class varchar(25),marks int,gender varchar(30));

insert into student values(1,'john deo','four',75,'female'),(2,'max ruin','three',85,'male'),

(3,'arnoid','three',55,'male'),(4,'krish star','four',60,'female'),(5,'john mike','four',60,'female'),

(6,'alex john','four',55,'male'),(7,'my john rob','five ',78,'male'),(8,'asruid','five',85,'male'),

(9,'tes qry','six',78,'male'),(10,'big john','four',55,'female');

update student set class='five' where id=7;

select name,dense\_rank()over(order by marks desc)rank\_no from student ;

select class,count(\*) from student group by class;

select name,gender,marks,dense\_rank()over(partition by gender order by marks desc) as rank\_of\_student from student;