**DAY 1:**

TASK1:

CREATE TABLE DAY1\_TASK1(

SR INT PRIMARY KEY IDENTITY (1,1),

NAME VARCHAR (50),

ADDRESS TEXT,

MOBNO BIGINT,

ENTRY\_DATE DATE,

DISCHARGE\_DATE DATE,

DOCTOR VARCHAR

);

SELECT\* FROM DAY1\_TASK1

TASK2:

CREATE TABLE DAY1\_Task\_2(

SR INT PRIMARY KEY,

NAME VARCHAR(50) NOT NULL,

ADDRESS TEXT,

MOBNO BIGINT ,

ENTRY\_DATE DATE DEFAULT '01-07-2022',

DISCHARGE\_DATE DATE DEFAULT '01-07-2022',

DOCTOR VARCHAR(50)

);

SELECT\*FROM DAY1\_Task\_2

INSERT INTO DAY1\_Task\_2

VALUES (1,'RAM','Vikash Nagar Lucknow',475896734867,'01-07-2002', '01-07-2002','Dr. Prince')

insert into DAY1\_Task\_2(SR,NAME,ADDRESS,DOCTOR)

VALUES(2,'SHIVAM','Cant Varanasi','Dr Prince')

insert into DAY1\_Task\_2(SR,NAME,ADDRESS,MOBNO,DOCTOR)VALUES

(3,'ANURAG','Mahanagar Lucknow',8735674867,'Dr.Meera'),

(4,'MAHESH','Gomtinagar Lucknow',8735674867,'Dr.Meera'),

(5,'VIKASH','Patana',8735674867,'Dr.Meera')

TASK3:

CREATE TABLE DAY1\_Task\_3(

SR INT PRIMARY KEY IDENTITY (1,1),

PRODUCT\_NAME VARCHAR(50) NOT NULL,

TOTAL INT,

MRP BIGINT,

SALERATE BIGINT,

ENTRY\_DATE DATE

);

SELECT\*FROM DAY1\_Task\_3

TASK4:

CREATE TABLE DAY1\_Task\_4(

SR INT PRIMARY KEY IDENTITY (1,1),

PRODUCT\_NAME VARCHAR(50) NOT NULL,

TOTAL INT,

MRP BIGINT,

SALERATE BIGINT,

ENTRY\_DATE DATE

);

SELECT\*FROM DAY1\_Task\_4

INSERT INTO DAY1\_Task\_4(PRODUCT\_NAME,TOTAL,MRP,SALERATE,ENTRY\_DATE)VALUES

('Hospital beds',3,2000,1500,'2021-09-01'),

('Trolley',2,3000,2500,'2021-09-01'),

('Injection',1,200,150,'2021-08-01'),

('Trolley',4,3000,2000,'2021-09-01'),

('Dust Bin',2,100,50,'2021-08-01'),

('Injection',6,300,250,'2021-09-01')

DELETE FROM DAY1\_Task\_4 WHERE SR IN(7,8,9,10,11)

TASK5:

CREATE TABLE DAY1\_Task\_5(

SR INT PRIMARY KEY IDENTITY (1,1),

PRODUCT\_NAME VARCHAR(50) NOT NULL,

TOTAL INT,

MRP BIGINT,

SALERATE BIGINT,

ENTRY\_DATE DATE

);

SELECT\*FROM DAY1\_Task\_5

INSERT INTO DAY1\_Task\_5(PRODUCT\_NAME,TOTAL,MRP,SALEPRICE,ENTRY\_DATE)VALUES

('Hospital beds',3,2000,1500,'2021-09-01'),

('Trolley',2,3000,2500,'2021-09-01'),

('Injection',1,200,150,'2021-08-01'),

('Trolley',4,3000,2000,'2021-09-01'),

('Dust Bin',2,100,50,'2021-08-01'),

('Injection',6,300,250,'2021-09-01')

QUERRY:1

EXEC sp\_rename 'DAY1\_Task\_5.SALERATE', 'SALEPRICE','COLUMN';

QUERRY:2

ALTER TABLE DAY1\_Task\_5 ALTER COLUMN MRP VARCHAR(100);

QUERRY:3

ALTER TABLE DAY1\_Task\_5 ADD BRAND VARCHAR(100);

QUERRY:4

EXEC sp\_rename 'DAY1\_Task\_5', 'DAY1\_TASK\_5';

QUERRY:5

SELECT\*FROM DAY1\_TASK\_5

DELETE DAY1\_TASK\_5

DAY-2:

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TASK-1

CREATE TABLE DAY2\_TASK1(

SR SMALLINT PRIMARY KEY IDENTITY (1,1),

PRODUCT\_NAME VARCHAR(100)NOT NULL,

TOTAL INT,

MRP BIGINT ,

SALERATE BIGINT,

ENTRY\_DATE DATE

);

SELECT \*FROM DAY2\_TASK1

INSERT INTO DAY2\_TASK1(PRODUCT\_NAME,TOTAL,MRP,SALERATE,ENTRY\_DATE)VALUES

('Hospital Beds',3,2000,1500,'2021-09-01'),

('Trolley',2,3000,2500,'2021-09-01'),

('Injection',1,200,150,'2021-09-01'),

('Trolley',4,2000,1500,'2021-08-01'),

('Dust Bin',2,100,50,'2021-08-01'),

('Injection',6,300,250,'2021-08-01')

SELECT \*FROM DAY2\_TASK1

SELECT MAX(MRP)AS highest\_MRP FROM DAY2\_TASK1

//QUERRY-1

SELECT PRODUCT\_NAME, MRP FROM DAY2\_TASK1 WHERE MRP = (SELECT MAX(MRP) FROM DAY2\_TASK1 );

//QUERRY-2

SELECT SUM(MRP) AS TOTAL\_MRP FROM DAY2\_TASK1 WHERE PRODUCT\_NAME = 'Injection';

//QUERRY-3

SELECT SUM(MRP) FROM DAY2\_TASK1 WHERE PRODUCT\_NAME ='Trolley' and MONTH(ENTRY\_DATE)=9;

SELECT SUM(MRP) FROM DAY2\_TASK1 WHERE PRODUCT\_NAME='Trolley' and ENTRY\_DATE LIKE '%-09\_%'

SELECT SUM(MRP) FROM DAY2\_TASK1 WHERE PRODUCT\_NAME='Trolley' and ENTRY\_DATE LIKE '\_\_\_\_\_09\_\_\_'

//QUERRY-4

SELECT AVG(SALERATE)AS AVERAGE\_SALERATE\_PRICE FROM DAY2\_TASK1 WHERE PRODUCT\_NAME ='Trolley'

//QUERRY-5

SELECT PRODUCT\_NAME,MRP FROM DAY2\_TASK1 WHERE MRP=(SELECT MIN(MRP) FROM DAY2\_TASK1)

//QUERRY-6

SELECT SUM(TOTAL)from DAY2\_TASK1 WHERE PRODUCT\_NAME='Trolley' SELECT COUNT(\*) FROM DAY2\_TASK1 WHERE PRODUCT\_NAME='Trolley'

**TASK-2**

CREATE TABLE DAY2\_TASK2(

SR INT PRIMARY KEY IDENTITY (1,1),

NAME VARCHAR(50) NOT NULL,

ADDRESS TEXT,

MOBNO BIGINT ,

ENTRY\_DATE DATE,

DISCHARGE\_DATE DATE,

DOCTOR VARCHAR(50)

);

SELECT \*FROM DAY2\_TASK2

INSERT INTO DAY2\_TASK2(NAME,ADDRESS,MOBNO,ENTRY\_DATE,DISCHARGE\_DATE,DOCTOR)VALUES

('RAM','Cant varanasi',8987766554,'01-07-02','01-07-00','Dr.Prince'),

('SHIVAM','Vikash Nagar Lucknow',NULL,'01-07-02','01-07-00','Dr.Prince'),

('ANURAG','Mahanagar Lucknow',8987767544,'01-07-02','01-07-00','Dr.Meera'),

('MAHESH','Gomatinagar Lucknow',4584376554,'01-07-02','01-07-00','Dr.Prince'),

('VIKASH','Patana',4584376554,'01-07-02','01-07-00','Dr.Meera'),

('MEETA','vikash nagar Lucknow',4584376554,'2021-07-03',NULL,'Dr.Prince'),

('GITA',NULL,4584376554,'2020-01-03','2020-01-31','Dr.Meera'),

('SIYA','Gomatinagar Lucknow',4584376554,'2021-09-02','2021-04-12','Dr.Prince'),

('RIYA','Patana',4584376554,'01-07-02','01-09-00','Dr.Sikha'),

('Sandeep',NULL,NULL,'01-07-02','01-07-00','Dr.Rajendra'),

('Mukul','patana',NULL,'01-07-02','01-07-00','Dr.Prince'),

('Mukesh','BHU Varanasi',7654655876,'2021-10-23','2021-10-31','Dr Shikha')

//QUERRY 1

SELECT \* FROM DAY2\_TASK2 WHERE NAME LIKE 'S%'

QUERRY 2

SELECT \*FROM DAY2\_TASK2 WHERE ENTRY\_DATE LIKE '%-09-%'

//QUERRY 3

SELECT \* FROM DAY2\_TASK2 WHERE MOBNO LIKE '7%'

//QUERRY 4

SELECT \* FROM DAY2\_TASK2 WHERE DOCTOR='Dr.Prince'

//Querry 5

SELECT NAME , ADDRESS FROM DAY2\_TASK2 WHERE ADDRESS LIKE 'Lucknoe City'

//QUERRY 6

SELECT\* FROM DAY2\_TASK2 WHERE ADDRESS LIKE 'Patana' AND DOCTOR like 'Dr.Prince'

//QUERRY 7

SELECT \* FROM DAY2\_TASK2 WHERE ADDRESS LIKE 'Patana' OR ADDRESS LIKE 'Lucknow'

//QUERRY 8

SELECT \* FROM DAY2\_TASK2 WHERE ADDRESS LIKE 'Patana' AND ENTRY\_DATE LIKE '%-09-%'

//QUERRY 9

SELECT \* FROM DAY2\_TASK2 WHERE DOCTOR LIKE 'Dr. Prince'

**TASK3**

CREATE TABLE EMPLOYEE\_DETAILS(

EMPLOYEE\_ID INT PRIMARY KEY IDENTITY (100,1),

FIRST\_NAME VARCHAR(100) ,

HIRE\_DATE DATE,

JOB\_ID VARCHAR (50),

SALARY BIGINT

);

SELECT\* FROM EMPLOYEE\_DETAILS

INSERT INTO EMPLOYEE\_DETAILS (FIRST\_NAME,HIRE\_DATE,JOB\_ID,SALARY)VALUES

('Siya','2012-06-06','IT\_PROG',50000),

('Satyam','2017-08-09','SOFT\_PROG',20000),

('SAURABH','2019-09-05','IT\_PROG',100000),

('Seema','2012-06-06','IT\_PROG',80000),

('Shivam','2019-09-25','IT\_PROG',200000),

('Sandhaya',null,'SOFT\_PROG',100000),

('Shakshi','2021-09-25','SOFT\_PROG',200000),

('Shilpa',NULL,'SOFT\_PROG',60000),

('Shubham','2019-08-15','IT\_PROG',33000)

DELETE FROM EMPLOYEE\_DETAILS WHERE EMPLOYEE\_ID=109

//QUERRY 1

SELECT \* FROM EMPLOYEE\_DETAILS WHERE SALARY >40000

//QUERRY 2

SELECT FIRST\_NAME,JOB\_ID FROM EMPLOYEE\_DETAILS WHERE HIRE\_DATE <'2018-01-01'

//QUERRY 3

SELECT \* FROM EMPLOYEE\_DETAILS WHERE JOB\_ID LIKE 'IT\_PROG' AND SALARY>100000

//QUERRY 4

SELECT \* FROM EMPLOYEE\_DETAILS WHERE JOB\_ID LIKE 'IT\_PROG' OR HIRE\_DATE>'2017-01-01'

//QUERRY 5

SELECT \* FROM EMPLOYEE\_DETAILS WHERE SALARY BETWEEN 20000 AND 100000

//QUERRY 6

SELECT \* FROM EMPLOYEE\_DETAILS WHERE FIRST\_NAME LIKE 'Sh%'

//QUERRY 7

SELECT COUNT(\*) FROM EMPLOYEE\_DETAILS WHERE HIRE\_DATE IS NULL

//QUERRY 8

DELETE \* FROM EMPLOYEE\_DETAILS WHERE SALARY<33000

//QUERRY 9

DELETE FROM EMPLOYEE\_DETAILS WHERE JOB\_ID LIKE 'IT\_PROG' OR HIRE\_DATE >'2017-01-01'

//QUERRY 10

DELETE FROM EMPLOYEE\_DETAILS WHERE SALARY BETWEEN 20000 AND 60000 OR HIRE\_DATE IS NULL

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**DAY 3:**

**==================================================================================================**

**TASK 1:**

CREATE TABLE EMPLOYEE\_TABLE (

employee\_id int ,

first\_name varchar(50),

last\_name varchar(50),

department varchar (50),

salary bigint

);

select \* from EMPLOYEE\_TABLE

insert into EMPLOYEE\_TABLE values

( 123,'james','smith','accounting',80000),

( 134,'robert','johnson','sales',100000),

(345,'marry','williams','marketing',9000),

( 456,'jon','lee','sales',120000),

(567,'patricia','spade','marketing',110000)

//querry 1

update EMPLOYEE\_TABLE set salary=50000 where salary<100000

//querry 2

exec sp\_rename 'EMPLOYEE\_TABLE','Employee\_detail'

select \*from Employee\_detail

//querry3

truncate table employee\_detail

//querry 4

drop table employee\_detail

//querry 5

update employee\_detail set department='new\_department'where first\_name like 'j%'

task2: