Select station\_no, name, from Station, Route where st.st\_cd= Rt.src\_code OR st.stcode= Route.dest\_cd group by Route.src, Rt.dest having rt.dist >100;

CREATE TABLE Station(Station\_Code varchar(3) Primary Key, Station\_Name varchar(20), Phone\_No integer, No\_of\_Platforms integer);

Insert into Station values(‘PNQ’, ‘Pune’,23343554,4);

Insert into Station values(‘MUM’, ‘Mumbai’,4353454,7);

Insert into Station values(‘NDL’, ‘New Delhi’,78754654,8);

Insert into Station values(‘KLK’, ‘Kolkata’,233432554,4);

Insert into Station values(‘DDR’, ‘Dadar’,2338674,5);

Insert into Station values(‘CHN’, ‘Chennai’,323554,7);

Select station\_CoDE, STATION\_NAME from Station, Route where Station.STATION\_CODE= ROUTE.src\_STN\_code OR Station.STATION\_CODE= Route.dst\_STN\_cOdE GROUP BY STATION\_CODE,STATION\_NAME ORDER BY COUNT(DISTANCE) DESC;

BEGIN TRANSACTION;

CREATE TABLE Station(Station\_Code varchar(3) Primary Key, Station\_Name varchar(20) not null, Phone\_No number(10) not null, No\_of\_Platforms number(2) not null);

Desc Station;

Insert into Station values(‘PNQ’, ‘Pune’,23343554,4);

Insert into Station values(‘MUM’, ‘Mumbai’,4353454,7);

Insert into Station values(‘NDL’, ‘New Delhi’,78754654,8);

Insert into Station values(‘KLK’, ‘Kolkata’,233432554,4);

Insert into Station values(‘DDR’, ‘Dadar’,2338674,5);

Insert into Station values(‘CHN’, ‘Chennai’,323554,7);

CREATE TABLE Stations(Station\_Code varchar(3) Primary Key, Station\_Name varchar(20) not null, Phone\_No number(10) not null, No\_of\_Platforms number(2) not null);

CREATE TABLE ROUTE(Rt\_No number(5) Primary Key, distance number(3),src\_stn\_code varchar(3),dst\_stn\_code varchar(3));

Q1

Select STATION\_CODE, STATION\_NAME, Count(ROUTE\_NO) as No\_of\_Routes from STATION,ROUTE where (STATION.STATION\_CODE= ROUTE. SOURCE\_STATION\_CODE OR STATION.STATION\_CODE= Route. DEST\_STATION\_CODE) and DISTANCE >100 GROUP BY STATION\_CODE,STATION\_NAME HAVING COUNT(ROUTE\_NO)>1 ORDER BY COUNT(DISTANCE) DESC;

Q2.

select train.route\_no,class, count(passenger\_booking.passenger\_id)  
            from passenger\_booking, train  
            where passenger\_booking.train\_no = Train.train\_no  
            group by CUBE (train.ROUTE\_NO, class)  
            order by train.ROUTE\_NO;

Q3

select station.station\_name,train.train\_no,count(passenger\_booking.passenger\_id) AS Passenger\_Count

from passenger\_booking,train,route,station WHERE

passenger\_booking.train\_no = Train.train\_no AND

train.route\_no = route.route\_no AND

(route.source\_station\_code=station.station\_code OR route.dest\_station\_code=station.station\_code)

group by ROLLUP(station.station\_name,train.train\_no)

order by station.station\_name;