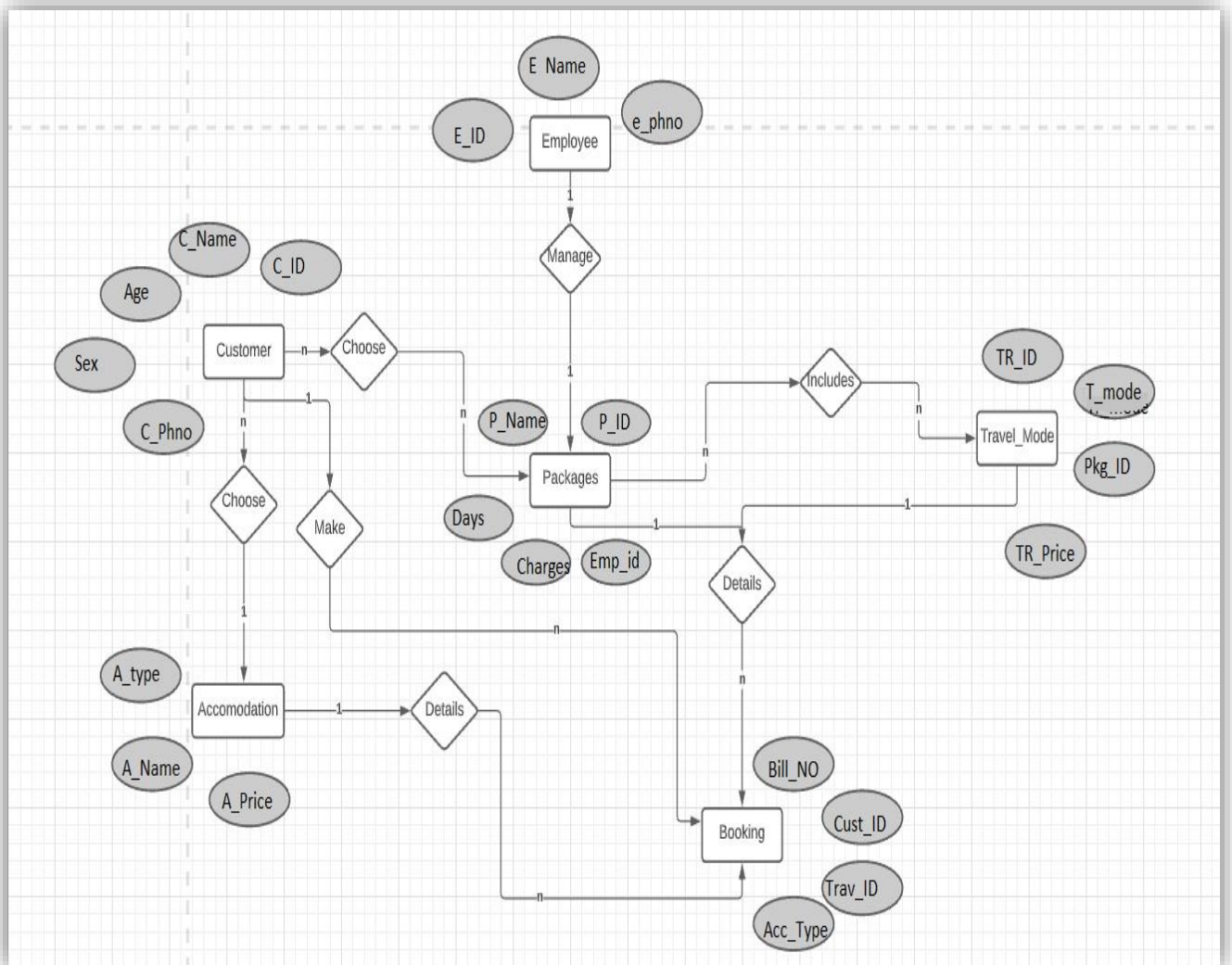
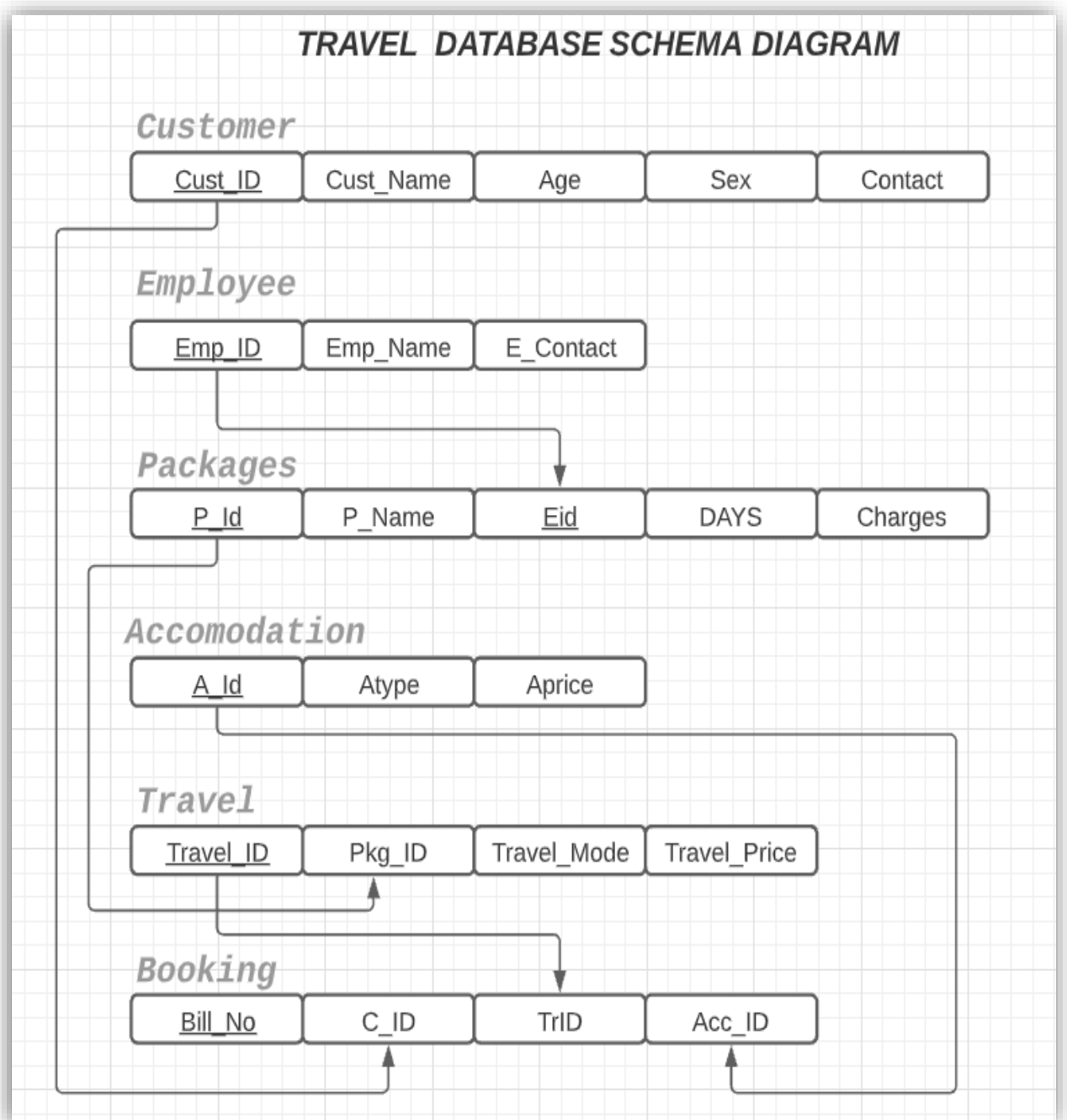


# Report

## 1)ER Diagram



## 2)Schema



### 3)Database

drop table employee cascade constraints;

drop table customers cascade constraints;

drop table tpackages cascade constraints;

drop table acco cascade constraints;

drop table travel cascade constraints;

drop table booking cascade constraints;

create table employee

(

ename varchar(100),

eid number constraint pke primary key,

ephno number(14,2)

);

create table customers

(

custid number constraint pkhe primary key,

cname varchar(100),

sex char,

addr varchar(50),

cphno number(14,2)

);

create table tpackages

(

pid number constraint pike primary key,

```
place varchar(100),  
empid number constraint fkd references employee(eid),  
days number(3),  
charges number(8)  
  
);
```

```
create table acco  
(  
atype number constraint ake primary key,  
aname varchar(10),  
aprice number(10)  
  
);
```

```
create table travel  
(  
trid char(3) constraint pkte primary key,  
trmode varchar(10),  
pkid number constraint fkpk references tpackages(pid),  
trprice number(10)  
  
);
```

```
create table booking  
(  
billno number constraint bno primary key,  
cid number constraint CIDR references customers(custid),  
trtype char(3) constraint fktr references travel(trid),  
acctype number constraint fkac references acco(atype)
```

);

commit;

```
insert into customers values(1,'Anoop','m','Bijapur',7795438400);
insert into customers values(2,'Shreyas','m','Hubballi',6565656568);
insert into customers values(3,'Abdul','m','Hubballi',5454564785);
insert into customers values(4,'Kiran','m','Yadgir',8880254580);
insert into customers values(5,'Neeraj','m','Haveri',6987452280);
insert into customers values(6,'Harsha','m','Haveri',456652280);
insert into customers values(7,'Emma','f','Dharwad',8465651154);
insert into customers values(8,'Annie Marie','f','Dandeli',8489944654);
insert into customers values(9,'Sanjay','m','Dharwad',6565458745);
insert into customers values(10,'Bharati','f','Hubballi',7454656551);
insert into customers values(11,'Shankar','m','Musore',9454656551);
insert into customers values(12,'Bhim','m','Hubballi',9054656551);
insert into customers values(13,'kavita','f','Belagam',7454656551);
insert into customers values(14,'swati','f','Benglore',7984986551);
insert into customers values(15,'Elly','f','Hubballi',7454006551);
insert into customers values(16,'savita','f','Bagalkot',7412656551);
```

```
insert into employee values('Anusha',1,5874556464);
insert into employee values('Rahul',2,6574558764);
insert into employee values('Manoj',3,8745558764);
insert into employee values('Shrusti',4,7894528764);
insert into employee values('Nitish',5,4785658764);
insert into employee values('Amar',6,7413568764);
insert into employee values('Rakesh',7,6654785764);
insert into employee values('Vinayak',8,5471565764);
```

```
insert into employee values('Nikita',9,99845568764);
insert into employee values('Bhaga',10,8745668764);
insert into employee values('Jordan',11,9456668764);
insert into employee values('Jayesh',12,9800768764);
insert into employee values('Roshani',13,7855668764);
insert into employee values('Tim',14,8745668764);
insert into employee values('Tom',15,9845668764);
insert into employee values('Tej',16,9085668764);
```

```
insert into tpackages values(10,'South Karnataka',5,8,4500);
insert into tpackages values(20,'North Karnataka',3,6,3500);
insert into tpackages values(30,'Coastal Karnataka',2,3,1500);
insert into tpackages values(40,'Kerala',1,10,8000);
insert into tpackages values(50,'Tamil Nadu',6,12,9500);
insert into tpackages values(60,'Goa',4,4,4000);
insert into tpackages values(70,'Maharashtra',10,5,5000);
insert into tpackages values(80,'NorthEast India',11,14,15000);
insert into tpackages values(90,'North India',7,12,12000);
insert into tpackages values(100,'Leh-Ladakh',12,15,14000);
```

```
insert into acco values(11,'Basic',500);
insert into acco values(22,'Deluxe',1500);
insert into acco values(33,'Luxury',3000);
```

```
insert into travel values('A1','Bus',10,5000);
insert into travel values('A2','Car',10,10000);
insert into travel values('A3','Train',10,2000);
insert into travel values('B1','Bus',20,4000);
insert into travel values('B2','Car',20,8000);
```

```
insert into travel values('B3','Train',20,2000);
insert into travel values('C1','Bus',30,3000);
insert into travel values('C2','Car',30,6000);
insert into travel values('C3','Train',30,1500);
insert into travel values('D1','Bus',40,10000);
insert into travel values('D2','Car',40,18000);
insert into travel values('D3','Train',40,5000);
insert into travel values('E1','Bus',50,12000);
insert into travel values('E2','Car',50,20000);
insert into travel values('E3','Train',50,6000);
insert into travel values('F1','Bus',60,2500);
insert into travel values('F2','Car',60,6000);
insert into travel values('F3','Train',60,1200);
insert into travel values('G1','Bus',70,6000);
insert into travel values('G2','Car',70,4000);
insert into travel values('G3','Train',70,1500);
insert into travel values('H1','Bus',80,30000);
insert into travel values('H2','Car',80,20000);
insert into travel values('H3','Train',80,15000);
insert into travel values('I1','Bus',90,25000);
insert into travel values('I2','Car',90,18000);
insert into travel values('I3','Train',90,11000);
insert into travel values('J1','Bus',100,19000);
insert into travel values('J2','Car',100,28000);
insert into travel values('J3','Train',100,11500);
```

```
insert into booking values(201,1,'F1',11);
insert into booking values(202,2,'B3',22);
insert into booking values(203,2,'E2',11);
insert into booking values(204,3,'C2',33);
insert into booking values(205,4,'D3',22);
```

```
insert into booking values(206,1,'B1',11);
insert into booking values(207,5,'A3',33);
insert into booking values(208,2,'A1',11);
insert into booking values(209,6,'E2',33);
insert into booking values(210,7,'F2',11);
insert into booking values(211,7,'B1',33);
insert into booking values(212,8,'C3',22);
insert into booking values(213,9,'B3',22);
insert into booking values(214,10,'A3',11);
insert into booking values(215,7,'C3',22);
insert into booking values(216,4,'A3',11);
insert into booking values(217,6,'G2',22);
insert into booking values(218,6,'C3',22);
insert into booking values(219,5,'B2',33);
insert into booking values(220,8,'C1',11);
insert into booking values(225,2,'D3',33);
insert into booking values(227,2,'I3',22);
commit;
```



## 4)Tables

### Customers

	⚡ CUSTID	⚡ CNAME	⚡ SEX	⚡ ADDR	⚡ CPHNO	
1	1	Anoop	m	Bijapur	7795438400	
2	2	Shreyas	m	Hubballi	6565656568	
3	3	Abdul	m	Hubballi	5454564785	
4	4	Kiran	m	Yadqir	8880254580	
5	5	Neeraj	m	Haveri	6987452280	
6	6	Harsha	m	Haveri	456652280	
7	7	Emma	f	Dharwad	8465651154	
8	8	Annie Marie	f	Dandeli	8489944654	
9	9	Sanjay	m	Dharwad	6565458745	
10	10	Bharati	f	Hubballi	7454656551	
11	11	Shankar	m	Musore	9454656551	
12	12	Bhim	m	Hubballi	9054656551	
13	13	kavita	f	Belagum	7454656551	
14	14	swati	f	Benqlore	7984986551	
15	15	Elly	f	Hubballi	7454006551	
16	16	savita	f	Baqalkot	7412656551	

### Employees

	⚡ ENAME	⚡ EID	⚡ EPHNO	
1	Anusha	1	5874556464	
2	Rahul	2	6574558764	
3	Manoj	3	8745558764	
4	Shrusti	4	7894528764	
5	Nitish	5	4785658764	
6	Amar	6	7413568764	
7	Rakesh	7	6654785764	
8	Vinayak	8	5471565764	
9	Nikita	9	99845568764	
10	Bhaqa	10	8745668764	
11	Jordan	11	9456668764	
12	Jayesh	12	9800768764	
13	Roshani	13	7855668764	
14	Tim	14	8745668764	
15	Tom	15	9845668764	
16	Tej	16	9085668764	

### Accommodation

	ATYPE	ANAME	APRICE
1	11	Basic	500
2	22	Deluxe	1500
3	33	Luxury	3000

## Travel

	TRID	TRMODE	PKID	TRPRICE
1	A1	Bus	10	5000
2	A2	Car	10	10000
3	A3	Train	10	2000
4	B1	Bus	20	4000
5	B2	Car	20	8000
6	B3	Train	20	2000
7	C1	Bus	30	3000
8	C2	Car	30	6000
9	C3	Train	30	1500
10	D1	Bus	40	10000
11	D2	Car	40	18000
12	D3	Train	40	5000
13	E1	Bus	50	12000
14	E2	Car	50	20000
15	E3	Train	50	6000
16	F1	Bus	60	2500
17	F2	Car	60	6000
18	F3	Train	60	1200
19	G1	Bus	70	6000
20	G2	Car	70	4000
21	G3	Train	70	1500

## Booking

	◇ BILLNO	◇ CID	◇ TRTYPE	◇ ACCTYPE
1	201	1	F1	11
2	202	2	B3	22
3	203	2	E2	11
4	204	3	C2	33
5	205	4	D3	22
6	206	1	B1	11
7	207	5	A3	33
8	208	2	A1	11
9	209	6	E2	33
10	210	7	F2	11
11	211	7	B1	33
12	212	8	C3	22
13	213	9	B3	22
14	214	10	A3	11
15	215	7	C3	22
16	216	4	A3	11
17	217	6	G2	22
18	218	6	C3	22
19	219	5	B2	33
20	220	8	C1	11
21	225	2	D3	33

#### Package

	◇ PID	◇ PLACE	◇ EMPID	◇ DAYS	◇ CHARGES
1	10	South Karnataka	5	8	4500
2	20	North Karnataka	3	6	3500
3	30	Coastal Karnataka	2	3	1500
4	40	Kerala	1	10	8000
5	50	Tamil Nadu	6	12	9500
6	60	Goa	4	4	4000
7	70	Maharashtra	10	5	5000
8	80	NorthEast India	11	14	15000
9	90	North India	7	12	12000
10	100	Leh-Ladakh	12	15	14000

## 5)Queries

### Query 1

--1. Retrieve the Name of Employee managing Each Package

```
select place,ename from tpackages,employee
where empid=eid;
```

### Output

Kerala	Anusha
Coastal Karnataka	Rahul
North Karnataka	Manoj
Goa	Shrusti
South Karnataka	Nitish
Tamil Nadu	Amar
North India	Rakesh
Maharastra	Bhaga
NorthEast India	Jordan
Leh-Ladakh	Jayesh

### Query 2

--2.Retrieve the Bill Details for Each Bill Number

```
select
billNo,CID,cname,PLACE,aname"AccType",trmode,travel.trprice+tpackages.charges"Travel_BLL",apri
ce*(days)"Acc_BILL",(trprice+tpackages.charges)+aprice*( days )"Total_Bill" from
travel,booking,acco,tpackages,customers

where trtype=trid and acctype=atype and pid=pkid and booking.cid=customers.custid

order by cid;
```

### Output

	BILLNO	CID	CNAME	PLACE	AccType	TRMODE	Travel_BLL	Acc_BILL	Total_Bill
1	201	1	Anoop	Goa	Basic	Bus	6500	2000	8500
2	206	1	Anoop	North Karnataka	Basic	Bus	7500	3000	10500
3	227	2	Shreyas	North India	Deluxe	Train	23000	18000	41000
4	208	2	Shreyas	South Karnataka	Basic	Bus	9500	4000	13500
5	202	2	Shreyas	North Karnataka	Deluxe	Train	5500	9000	14500
6	225	2	Shreyas	Kerala	Luxury	Train	13000	30000	43000
7	203	2	Shreyas	Tamil Nadu	Basic	Car	29500	6000	35500
8	204	3	Abdul	Coastal Karnataka	Luxury	Car	7500	9000	16500
9	205	4	Kiran	Kerala	Deluxe	Train	13000	15000	28000
10	216	4	Kiran	South Karnataka	Basic	Train	6500	4000	10500
11	207	5	Neeraj	South Karnataka	Luxury	Train	6500	24000	30500
12	219	5	Neeraj	North Karnataka	Luxury	Car	11500	18000	29500
13	218	6	Harsha	Coastal Karnataka	Deluxe	Train	3000	4500	7500
14	217	6	Harsha	Maharashtra	Deluxe	Car	9000	7500	16500
15	209	6	Harsha	Tamil Nadu	Luxury	Car	29500	36000	65500
16	215	7	Emma	Coastal Karnataka	Deluxe	Train	3000	4500	7500
17	211	7	Emma	North Karnataka	Luxury	Bus	7500	18000	25500
18	210	7	Emma	Goa	Basic	Car	10000	2000	12000
19	212	8	Annie Marie	Coastal Karnataka	Deluxe	Train	3000	4500	7500
20	220	8	Annie Marie	Coastal Karnataka	Basic	Bus	4500	1500	6000
21	213	9	Saniav	North Karnataka	Deluxe	Train	5500	9000	14500

### Query 3

--3.SELECT THE DETAILS OF LOYAL CUSTOMER OF THE TRAVEL AGENCY ( MORE THEN 2 PACKAGES BOOKING)

```
select c.custid,c.cname,count(*)"Total_Packages_Booked" from customers c,booking b
```

```
where c.custid=b.cid
```

```
group by c.custid,c.cname
```

```
having count(*)>2
```

```
order by custid;
```

### Output

```
2      Shreyas      5
```

```
6      Harsha       3
```

```
7      Emma         3
```

### Query 4

--4.Select Total Amount Collected from All Bookings

```
select sum((t.trprice+tp.charges)+a.aprice*( tp.days )) "Total_Amount_Collected"
```

```
from travel t,tpackages tp ,booking b,acco a
```

```
where t.pkid=tp.pid and b.acctype=a.atype and b.trtype=t.trid ;
```

## Output

454400

## Query 5

--5.Retrieve Total Bookings for Each Packages

```
select tp.place,count(*)"Bookings" from tpackages tp,booking b,travel t
where t.trid=b.trtype and t.pkid=tp.pid
group by tp.place
order by count(*);
drop view min_package;
```

## Output

--5.Retrieve Total Bookings for Each Packages

```
select tp.place,count(*)"Bookings" from tpackages tp,booking b,travel t
where t.trid=b.trtype and t.pkid=tp.pid
group by tp.place
order by count(*);
```

```
drop view min_package;
```

## Output

North India	1
Maharastra	1
Kerala	2
Tamil Nadu	2
Goa	2
South Karnataka	4
Coastal Karnataka	5
North Karnataka	5

## Query 6

--6.Retrieve Minimum Cost Package Combination

```

create view min_package as

select pid,place,aname,trmode from tpackages tp,acco a,travel t

where days in(select min(days) from tpackages) and aprice in(select min(aprice) from acco ) and
trprice in(select min(trprice)from travel);

select * from min_package;

drop view min_package;

```

#### Output

```

30      Coastal Karnataka      Basic   Train

```

#### Query 7

--7.Retrieve Maximum Cost Package Combination

```

create view max_package as

select pid,place,aname,trmode from tpackages tp,acco a,travel t

where days in(select max(days) from tpackages) and aprice in(select max(aprice) from acco ) and
trprice in(select max(trprice)from travel);

select * from max_package;

drop view max_package;

```

#### Output

```

100     Leh-Ladakh      Luxury   Bus

```

#### Query 8

--8.Retrieve the Most Preferable Accomodation Type

```

select aname ,count(*)"No.of.Bookings" from acco,booking

where atype=booking.acctype

group by aname

order by count(*);

```

#### Output

```

Luxury  6

```

```

Deluxe  8

```

```

Basic   8

```

### Query 9

--9. Retrieve Total No of Customers Handled by Each Employee

```
select ename,count(*)"No. of Customers" from employee,tpackages,booking,travel
where eid=empid and pid=pkid and trid=trtype
group by ename
order by count(*);
```

### Output

Rakesh 1

Bhaga 1

Anusha 2

Amar 2

Shrusti 2

Nitish 4

Rahul 5

Manoj 5

### Query 10

--10. Retrieve the Total Amount Collected for Each travel Modes from All Bookings

```
drop view travel_price;
create view travel_price as
select trmode,trprice from travel,booking where trid=trtype ;
select * from travel_price;
select trmode ,sum(trprice) from travel_price
group by trmode
order by sum(trprice);
```

### Output

Bus 18500

Train 35500



Car      64000

#### Query 11

--11.For each customer, retrieve their total bill for all their travels.

```
select cu.custid,cu.cname,sum((trprice+tp.charges)+aprice*( days ))"Total_Bill"
from customers cu,tpackages tp,acco ac,travel t,booking b
where b.cid=cu.custid and tp.pid=t.pkid and b.acctype=ac.atype and trtype=trid
group by cu.custid,cu.cname
order by custid;
```

```
select cu.custid,cu.cname,sum((trprice+tp.charges)+aprice*( days )) "Total bill of all the journey"
from customers cu,tpackages tp,acco ac,travel t,booking b
where b.cid=cu.custid and tp.pid=t.pkid and b.acctype=ac.atype and trtype=trid
group by cu.custid,cu.cname
having sum((trprice+tp.charges)+aprice*( days ))=(select max(sum((trprice+tp.charges)+aprice*(
days )))
                                from customers cu,tpackages tp,acco ac,travel t,booking b
                                where b.cid=cu.custid and tp.pid=t.pkid and b.acctype=ac.atype and
trtype=trid
                                group by cu.custid,cu.cname);
```

#### Output

2	Shreyas	147500
---	---------	--------

#### Query 12

--Q12)For each customer retrieve the customer who has the lowest tot

```
select cu.custid,cu.cname,sum((trprice+tp.charges)+aprice*( days )) "Total bill of all the journey"
from customers cu,tpackages tp,acco ac,travel t,booking b
where b.cid=cu.custid and tp.pid=t.pkid and b.acctype=ac.atype and trtype=trid
group by cu.custid,cu.cname
having sum((trprice+tp.charges)+aprice*( days ))=(select min(sum((trprice+tp.charges)+aprice*( days
)))
```

```

from customers cu,tpackages tp,acco ac,travel t,booking b
where b.cid=cu.custid and tp.pid=t.pkid and b.acctype=ac.atype and
trtype=trid

group by cu.custid,cu.cname);

```

#### Output

10	Bharati	10500
----	---------	-------

#### Query 13

--Q13)For each bill number retrieve the customer who has the highest total bill

```

select cu.custid,cu.cname,billno,sum((trprice+tp.charges)+aprice*( days )) "Highest total bill"
from customers cu,tpackages tp,acco ac,travel t,booking b
where b.cid=cu.custid and tp.pid=t.pkid and b.acctype=ac.atype and trtype=trid
group by cu.custid,cu.cname,billno
having sum((trprice+tp.charges)+aprice*( days ))=(select max(sum((trprice+tp.charges)+aprice*(
days )))

from tpackages tp,acco ac,travel t,booking b
where tp.pid=t.pkid and b.acctype=ac.atype and trtype=trid
group by billno)

order by custid;

```

#### Output

6	Harsha	209	65500
---	--------	-----	-------

#### Query 14

--Q14)For each bill number retrieve the customer who has the lowest total bill

```

select cu.custid,cu.cname,billno,sum((trprice+tp.charges)+aprice*( days )) "Highest total bill"
from customers cu,tpackages tp,acco ac,travel t,booking b
where b.cid=cu.custid and tp.pid=t.pkid and b.acctype=ac.atype and trtype=trid
group by cu.custid,cu.cname,billno

```

```
having sum((trprice+tp.charges)+aprice*( days ))=(select min(sum((trprice+tp.charges)+aprice*( days
)))
```

```
from tpackages tp,acco ac,travel t,booking b
```

```
where tp.pid=t.pkid and b.acctype=ac.atype and trtype=trid
```

```
group by billno)
```

```
order by custid;
```

### Output

8	Annie Marie	220	6000
---	-------------	-----	------

### Query 15

--Q15) Retrieve the details of customer who has travelled maximum number of times.

```
create view nuk as
```

```
select cid,count(*) as No_of_travels
```

```
from booking
```

```
group by cid;
```

```
drop view nuk;
```

```
select * from nuk;
```

```
select *
```

```
from customers
```

```
where custid in (select nuk.cid from nuk where nuk.no_of_travels=(select max(No_of_travels) from
nuk));
```

### Output

2	Shreyas m	Hubballi	6565656568
---	-----------	----------	------------

### Query 16

--Q16) Retrieve the details of customer who has travelled minimum times

```
create view nuk as
```

```
select cid,count(*) as No_of_travels
```

```
from booking
```

```
group by cid;
```

```

select *
from customers
where custid in (select nuk.cid from nuk where nuk.no_of_travels=(select min(No_of_travels) from
nuk));

```

#### Output

3	Abdul m	Hubballi	5454564785
9	Sanjay m	Dharwad	6565458745
10	Bharati f	Hubballi	7454656551

#### Query 17

--Q17)Retrieve the travel packages with cost greater than average travel package cost where days are greater than avg. days

```

select * from tpackages;

```

```

select *
from tpackages
where charges > (select avg(charges) from tpackages) and days>(select avg(days) from tpackages);

```

#### Output

40	Kerala	1	10	8000
50	Tamil Nadu	6	12	9500
80	NorthEast India	11	14	15000
90	North India	7	12	12000
100	Leh-Ladakh	12	15	14000

#### Query 18

--Q18)Retrieve the employee details of employees who handle travel packages with maximum price

```
select * from tpackages;
```

```
select * from employee;
```

```
select e.eid,e.ename,e.ehno
```

```
from employee e,tpackages tp
```

```
where tp.empid=e.eid and tp.charges = (select max(charges) from tpackages);
```

#### Output

```
11      Jordan  9456668764
```

#### Query 19

--Q19)Retrieve the customer details who has travelled using the travel package with min charge and travel modes

```
select * from tpackages;
```

```
select * from customers;
```

```
select * from travel;
```

```
select * from booking;
```

```
select cu.custid,cu.cname,cu.sex,cu.addr,cu.cphno,tp.place,t.trmode,tp.charges
```

```
from customers cu,tpackages tp, booking b,travel t
```

```
where t.pkid=tp.pid and b.cid=cu.custid and t.trid=trtype and tp.charges=(select min(charges) from tpackages);
```

#### Output

3	Abdul	m	Hubballi	5454564785	Coastal Karnataka	Car	1500
6	Harsha	m	Haveri	456652280	Coastal Karnataka	Train	1500
7	Emma	f	Dharwad	8465651154	Coastal Karnataka	Train	1500
8	Annie Marie	f	Dandeli	8489944654	Coastal Karnataka	Train	1500

8      Annie Marie      f      Dandeli 8489944654      Coastal Karnataka      Bus      1500

#### Query 20

--Q20)Retrieve the employee details who handle travel packages with minimum and maximum days

```
select * from employee;
```

```
select * from tpackages;
```

```
create view minmax as
```

```
select *
```

```
from tpackages
```

```
where days=(select max(days) from tpackages) or days=(select min(days) from tpackages);
```

```
select * from minmax;
```

```
select eid,ename,ephno,pid,place,days,charges
```

```
from employee,minmax
```

```
where eid=empid and eid in (select empid from minmax);
```

#### Output

2	Rahul	6574558764	30	Coastal Karnataka	3	1500
12	Jayesh	9800768764	100	Leh-Ladakh	15	14000

#### Query 21

--Q21)Retrieve the travel packages which give the

```
select * from tpackages;
```

```

select *
from tpackages
where pid=(select pid from (select pid,(charges/days) as cpd
                        from tpackages
                        order by cpd) where cpd=(select min(cpd)
                        from (select pid,(charges/days) as cpd
                        from tpackages
                        order by cpd)));

```

### Output

```

30      Coastal Karnataka      2      3      1500

```

## 6)PL-SQL

### Query 1

--1)Retrive custid and cname of customer having id 10.

```

declare
type name_id is record
(
cid customers.custid%type,
cn customers.cname%type
);
rec name_id;
begin
select custid,cname into rec from customers where custid=10;
dbms_output.put_line('Customer id= ' || rec.cid || 'Customer name= ' || rec.cn);
end;

```

/

### Query 2

--2)Display details of different ways of travelling through train.

declare

cursor cur\_t is select \* from travel where trmode like 'Train';

a travel.trid%type;

b travel.trmode%type;

c travel.pkid%type;

d travel.trprice%type;

begin

open cur\_t;

loop

fetch cur\_t into a,b,c,d;

exit when cur\_t%notfound;

dbms\_output.put\_line('travel id= ' || a || 'Travel mode= ' || b || 'Pack id= ' || c || 'Price= ' || d);

end loop;

close cur\_t;

end;

/

### Query 3

--3)Display details of top 10 expensive different ways of travelling.

declare

cursor cur\_t is select \* from travel order by trprice desc;

a travel.trid%type;

b travel.trmode%type;

c travel.pkid%type;

d travel.trprice%type;

i int;

begin



```

open cur_t;
for i in 1..5 loop
fetch cur_t into a,b,c,d;
dbms_output.put_line('travel id= ' || a || 'Travel mode= ' || b || 'Pack id= ' || c || 'Price= ' || d);
end loop;
close cur_t;
end;
/

```

#### Query 4

--4)Retrive name,id,add of customer for given id of customer.

```

create or replace procedure p1(x in number)
as
type cus is record
(
cid customers.custid%type,
name customers.cname%type,
add customers.addr%type
);
v cus;
begin
select custid,cname,addr into v from customers where custid=x;
dbms_output.put_line('C_id = ' || v.cid || ' C_name = ' || v.name || ' C_add = ' || v.add);
end;
/

```

#### Query 5

--5)Track the details of customers who have finished their journeys in new tables.

--Table to store deleted values

```
create table dc
(
Customer_ID number,
Customer_Name varchar(50)
);
```

--Trigger creation

```
create or replace trigger tr
after delete on customers
for each row
begin
insert into dc values(:old.custid,:old.cname);
end;
/
```

### Query 6

--6)Retrive number of customer living in given city using function.

```
create or replace function fun_count(city in string)
return number
as
x number;
begin
x:=0;
select count(*) into x from customers where addr like city;
return x;
end;
/
```