1. Create table tour.

create table tour(tourid int, tourstdt date not null, tourenddt date not null, tourstartdest varchar(20) not null, tourendest varchar(20) not null, tcost int , primary key(tourid));

2.Create table booking.

create table booking(custid int,custnm varchar(20) not null,tourid int,amtpaid int not null, bookingdt date not null,primary key(custid),foreign key( tourid)references tour(tourid));

3. Insert record into tour table.

insert into tour values(2, '2023-04-07', '2023-04-08', 'pune' , 'jaipur', 4000);

4.Insert record into booking table.

insert into booking values(1,'dhanashri',1,2000,'2023-04-11');

5. Change the tourstart date to 1st MAy 2023 for tour id -1.

update tour set tourstdt='2023-05-1' where tourid=1;

6. Add a column tourmgr to tour table.

alter table tour add column tourmgr varchar(15);

7. Delete the column tourmgr from tour table

alter table tour drop column tourmgr;

8. Display the records from tour and booking table

select \* from tour;

select \* from booking;

9. Add a column custcity to booking table

alter table booking add column custcity varchar(20);

10. Change the size to 30 for custnm in booking table.

alter table booking modify custnm varchar(30);

11. Delete all the records from booking table.\*

truncate booking;

12. Change the custcity to Mumbai having custid 101.\*

update booking set custcity='mumbai' where custid=101;

13. Delete the record having customer id 101

delete from booking where custid=101;

14. Create a table customer with custid,tourid,amtpaid,billdate.

(Use appropriate constraints)

create table customer(custid int, tourid int unique, amtpaid int not null, billdate date , primary key(custid), foreign key(tourid) references tour(tourid));

15. Delete the table customer.

drop table customer;

16. Display the customers whose city start with letter 'P'.

select \* from booking where custcity like 'P%';

17.Display the customers whose belong to Delhi or Pune city.

select \* from booking where custcity in('Delhi','Pune');

18.Display the customers whose bdt is in the month of Jan 2023.

select \* from booking where month(bookingdt) =1 and year(bookingdt)=2023;

or

select \* from booking where bookingdt between '2023-01-01' and '2023-01-31';

19.Display the tour which start from Pune and end at Banglore.

select \* from tour where tourstartdest like 'Pune' and tourendest='mumbai';

20.Display the customers who have paid an amount more than 10000.

select \* from booking where amtpaid>10000;

21. Display the total amount collected .

select sum(amtpaid) from booking;

22.Display the total amount collected for customers from Pune city.

select sum(amtpaid) from booking where custcity like 'Pune';

23.Display the total tours whose start dest is 'Pune'.

select count(\*) from tour where tourstartdest like 'Pune';

24.Display the tours in descending order of tcost.

select \* from tour order by tcost desc;

25.Display the customernm along with their tourstdest and tourenddest.

select booking.custnm,tour.tourstartdest,tour.tourendest from booking inner join tour on booking.tourid=tour.tourid;