create database PROJECT;

use PROJECT;

create table cars(car\_id int primary key,

make varchar(50),model varchar(50),

year int,price decimal(10,2)

,color varchar(20));

INSERT INTO cars (car\_id, make, model, year, price, color)

VALUES

(11, 'tata', 'harrier', 2022, 1870000.00, 'red'),

(12, 'tata', 'altroz', 2022, 780000.00, 'blue'),

(13, 'tata', 'safari', 2021, 1932000.00, 'grey'),

(14, 'mahindra', 'bolero', 2020, 1163000.00, 'white'),

(15, 'mahindra', 'scorpio', 2022, 1584000.00, 'black'),

(16, 'mahindra', 'xuv700', 2021, 1676000.00, 'blue'),

(17, 'maruti suzuki', 'baleno', 2020, 769000.00, 'blue'),

(18, 'maruti suzuki', 'swift', 2020, 703000.00, 'white'),

(19, 'maruti suzuki', 'ciaz', 2022, 1074000.00, 'blue'),

(20, 'maruti suzuki', 'invicto', 2023, 2971000.00, 'white');

create table customers(customer\_id int primary key,

first\_name varchar(50),

last\_name varchar(50),

email varchar(100),phone varchar(20),

address varchar(100));

INSERT INTO customers (customer\_id, first\_name, last\_name, email, phone, address)

VALUES

(116, 'aarav', 'deshmukh', 'aaravd@gmail.com', '9530101240', 'panvel 245'),

(117, 'advait', 'kadam', 'advaitk@gmail.com', '9530105041', 'new panvel 246'),

(118, 'yash', 'thakur', 'thakuryash@gmail.com', '9530101520', 'nere 215'),

(119, 'pranav', 'joshi', 'pranavj@gmail.com', '8530101240', 'palaspe 315'),

(120, 'omkar', 'desai', 'omkard@gmail.com', '8310101265', 'ajivali 125'),

(121, 'jatin', 'thakur', 'jatint@gmail.com', '9520101240', 'vahal 245'),

(122, 'suraj', 'patil', 'rajpatil@gmail.com', '9900101241', 'belavli 105'),

(123, 'ananya', 'more', 'ananyam@gmail.com', '9110101240', 'kamothe 255'),

(124, 'jyoti', 'bhagat', 'jyotibhagat@gmail.com', '9312101240', 'aadai 545'),

(125, 'viraj', 'mane', 'virajmane@gmail.com', '8510101220', 'kharghar 145'),

(126, 'prasad', 'barve', 'prasadb@gmail.com', '8230101241', 'lonivli 243'),

(127, 'kajal', 'salvi', 'salvik@gmail.com', '8230101294', 'shirdhon 455'),

(128, 'siddharth', 'kulkarni', 'sidkulkarni@gmail.com', '9210101240', 'panvel 245'),

(129, 'nilesh', 'gaikwad', 'nileshg@gmail.com', '9530104535', 'panvel 245'),

(130, 'aniket', 'shelke', 'aniketshelke@gmail.com', '8514101240', 'palaspe 315');

create table booking(booking\_id int primary key,

customer\_id int,order\_date date,

total\_amount decimal(10,2),

foreign key (customer\_id) references customers(customer\_id));

INSERT INTO booking (booking\_id, customer\_id, order\_date, total\_amount)

VALUES

(201, 106, '2023-07-15', 1676000.00),

(202, 111, '2023-08-14', 703000.00),

(203, 101, '2023-07-10', 780000.00),

(204, 109, '2023-06-18', 703000.00),

(205, 107, '2023-08-22', 769000.00),

(206, 105, '2023-07-23', 1584000.00);

create table booking\_item(order\_item\_id int primary key,

booking\_id int,car\_id int,

subtotal decimal(10,2),

foreign key (booking\_id) references booking(booking\_id),

foreign key (car\_id) references cars(car\_id));

INSERT INTO booking\_item (booking\_item\_id, booking\_id, car\_id, subtotal)

VALUES

(20, 204, 8, 710000.00),

(21, 206, 5, 1590000.00),

(22, 201, 6, 1675000.00),

(23, 205, 7, 780000.00),

(24, 202, 8, 715000.00),

(25, 203, 2, 790000.00);

select\* from cars;

select\*from customers;

select\*from booking;

select\*from booking\_item;

update booking\_item set subtotal=715000.00 where booking\_item\_id=24;

select concat(first\_name,' ',last\_name)as full\_name from customers;

select customers.customer\_id,customers.first\_name,booking.booking\_id,booking.total\_amount from customers inner join booking on customers.customer\_id=booking.customer\_id;

select customers.customer\_id,customers.first\_name,booking.booking\_id,booking.total\_amount from customers right join booking on customers.customer\_id=booking.customer\_id;

select customers.customer\_id,customers.first\_name,booking.booking\_id,booking.total\_amount from customers left join booking on customers.customer\_id=booking.customer\_id;

select count(\*) from customers;

select max(price) from cars;

select min(price) from cars;

select sum(price) from cars;

select \* from cars where price

select \* from cars where price>1000000;

select \* from cars order by price asc;

select \* from cars where price=(select max(price) from cars where price

select make, count(\*) as car\_count from cars group by make;