CREATE TABLE RESTURANT(REST\_ID INT(20) PRIMARY KEY,REST\_NAME VARCHAR(20),PHONE\_NO INT(20),REST\_ADD VARCHAR(20),OFFER INT(20),RATING FLOAT(1,1),CUSINE VARCHAR(20));

CREATE TABLE MENU(ITEM\_ID INT(20),DISH\_NAME VARCHAR(30),DISH\_PRICE INT(20),REST\_ID INT(20),FOREIGN KEY(REST\_ID) REFERENCES RESTURANT(REST\_ID));

CREATE TABLE ORDER1(ORDER\_ID INT(20) PRIMARY KEY,TOTAL\_PRICE INT(20),REST\_ID INT(20), PARTNER\_ID INT(20), CUST\_ID INT(20));

CREATE TABLE CUSTOMER(CUST\_ID INT(20) PRIMARY KEY ,NAME VARCHAR(20), PHONE\_NO INT(20),CUST\_ADD VARCHAR(30),BILL\_ID INT(20), ITEM\_ID INT(20));

CREATE TABLE BILL(BILL\_ID INT(20) PRIMARY KEY,CUST\_ID INT(20), ORDER\_ID INT(20), REST\_ID INT(20));

CREATE TABLE PAYMENT(PAYMENT\_ID INT(20) PRIMARY KEY,PAYMENT\_TYPE VARCHAR(20),BILL\_ID INT(20));

CREATE TABLE PARTNER(PARTNER\_ID INT(20) PRIMARY KEY,REST\_ID INT(20),FOREIGN KEY(REST\_ID) REFERENCES RESTURANT(REST\_ID),PHONE\_NO INT(20),VEHICLE\_NO VARCHAR(20));

INSERT INTO RESTURANT VALUES(1,'BeHive',08046971754,'Baner',50,4.5,'MULTI CUISINE');

INSERT INTO RESTURANT VALUES(2,'FC Road Social',9172378889,'Baner',60,3.9,'MULTI CUISINE');

INSERT INTO RESTURANT VALUES(3,'Absolute Barbecues',9373112211,'Pashan',20,4.0,'MULTI CUISINE');

INSERT INTO RESTURANT VALUES(4,'Flechazo',8095311112,'Baner',30,3.3,'MULTI CUISINE');

INSERT INTO RESTURANT VALUES(5,'Rolls Mania',1234567890,'Wakad',10,4.8,'CHINESE');

INSERT INTO RESTURANT VALUES(6,'Kebab Rush ',9696156355,'Balewadi',10,4.8,'MULTI CUISINE');

INSERT INTO RESTURANT VALUES(7,'Rangla Punjab',1800108568,'Aundh',10,4.8,'NORTH INDIAN');

INSERT INTO RESTURANT VALUES(8,'Rush Hour',18085486060,'Wakad',10,4.8,'CHINESE');

INSERT INTO RESTURANT VALUES(9,'Anna Idli',18001086060,'Wakad',10,4.8,'SOUTH INDIAN');

INSERT INTO RESTURANT VALUES(10,'Bowl O China',18001086060,'Wakad',10,4.8,'CHINESE');

SELECT \* FROM RESTURANT;

INSERT INTO MENU VALUES(1,'GRILLED CHICKEN ',435,1);

INSERT INTO MENU VALUES(2,'PEPPERY MUSHROOMS ',415,1);

INSERT INTO MENU VALUES(3,'THAI CURRY ',395,1);

INSERT INTO MENU VALUES(4,'PANNER TIKKA MASALA',400,1);

INSERT INTO MENU VALUES(5,'BOMBAY BHELPURI SALAD ',200,2);

INSERT INTO MENU VALUES(6,'TACO',150,2);

INSERT INTO MENU VALUES(7,'SWEET CORN SOUP ',100,2);

INSERT INTO MENU VALUES(8,'THE SAUSAGE FEST ',390,2);

INSERT INTO MENU VALUES(9,'GOBI 65',250,3);

INSERT INTO MENU VALUES(10,'PRAWNS',350,3);

INSERT INTO MENU VALUES(11,'DAL TADKA',290,3);

INSERT INTO MENU VALUES(12,'MUSTARD FISH',400,3);

INSERT INTO MENU VALUES(13,'GREEN SALAD',150,3);

INSERT INTO MENU VALUES(14,'ALOO AND CAPSICUM',200,3);

INSERT INTO MENU VALUES(15,'TURKISH ROLL',350,3);

INSERT INTO MENU VALUES(16,'BBQ CHICKEN WINGS',300,3);

INSERT INTO MENU VALUES(17,'CHINESE NOODLES',180,4);

INSERT INTO MENU VALUES(18,'KOFTA CURRY ',190,4);

INSERT INTO MENU VALUES(19,'CHICKEN FRIED RICE',150,4);

INSERT INTO MENU VALUES(20,'FISH AND CHIPS ',350,4);

INSERT INTO MENU VALUES(21,'CHINESE NOODLES',180,4);

INSERT INTO MENU VALUES(22,'KOFTA CURRY ',190,4);

INSERT INTO MENU VALUES(23,'CHICKEN FRIED RICE',150,4);

INSERT INTO MENU VALUES(24'FISH AND CHIPS ',350,4);

INSERT INTO MENU VALUES(25,'CHINESE NOODLES',180,4);

INSERT INTO MENU VALUES(26,'KOFTA CURRY ',190,4);

INSERT INTO MENU VALUES(27,'CHICKEN FRIED RICE',150,4);

INSERT INTO MENU VALUES(28'FISH AND CHIPS ',350,4);

INSERT INTO MENU VALUES(29,'CHINESE NOODLES',180,4);

INSERT INTO MENU VALUES(30,'KOFTA CURRY ',190,4);

INSERT INTO MENU VALUES(31,'CHICKEN FRIED RICE',150,4);

INSERT INTO MENU VALUES(32'FISH AND CHIPS ',350,4);

INSERT INTO MENU VALUES(33,'CHINESE NOODLES',180,4);

INSERT INTO MENU VALUES(34,'KOFTA CURRY ',190,4);

INSERT INTO MENU VALUES(35,'CHICKEN FRIED RICE',150,4);

INSERT INTO MENU VALUES(36'FISH AND CHIPS ',350,4);

INSERT INTO MENU VALUES(37,'CHINESE NOODLES',180,4);

INSERT INTO MENU VALUES(38,'KOFTA CURRY ',190,4);

INSERT INTO MENU VALUES(39,'CHICKEN FRIED RICE',150,4);

INSERT INTO MENU VALUES(40,'FISH AND CHIPS ',350,4);

SELECT \* FROM MENU;

INSERT INTO CUSTOMER VALUES(100,'Kartik Bhushan',8639701928,'Pashan Sus',300,1);

INSERT INTO CUSTOMER VALUES(101,'Krithika Iyer',8639701934,'Wakad',301,5);

INSERT INTO CUSTOMER VALUES(102,'Ashmeet Lamba',8639701937,'Balewadi',302,9);

INSERT INTO CUSTOMER VALUES(103,'Gaurav Joshi',8639701921,'Baner',303,13);

INSERT INTO CUSTOMER VALUES(104,'Siddhant Pandit',8639701948,'Pashan Sus',304,17);

INSERT INTO CUSTOMER VALUES(105,'Abhishek Kataria',8639701903,'Baner',305,2);

INSERT INTO CUSTOMER VALUES(106,'Arnav Kohli',8639701932,'Balewadi',306,6);

INSERT INTO CUSTOMER VALUES(107,'Amartya Ravi ',8639701951,'Wakad',307,10);

INSERT INTO CUSTOMER VALUES(108,'Rutvik Solanki ',8639701966,'Aundh',308,14);

INSERT INTO CUSTOMER VALUES(109,'Ritesh Bansal ',8639701955,'Balewadi',308,14);

INSERT INTO CUSTOMER VALUES(110,'Varun Nookala ',8639701969,'Pashan Sus',308,14);

INSERT INTO CUSTOMER VALUES(111,'Ishansh Sahni',8639701924,'Wakad',308,14);

INSERT INTO CUSTOMER VALUES(112,'Rashi Bhagat',8639701914,'Aundh',308,14);

INSERT INTO CUSTOMER VALUES(113,'Soummya Kulkarni',8639701996,'Wakad',308,14);

SELECT \* FROM CUSTOMER;

INSERT INTO ORDER1 VALUES(600,150,1,700,100);

INSERT INTO ORDER1 VALUES(601,180,2,701,101);

INSERT INTO ORDER1 VALUES(602,190,3,702,102);

INSERT INTO ORDER1 VALUES(603,250,4,703,103);

INSERT INTO ORDER1 VALUES(604,350,5,704,104);

INSERT INTO ORDER1 VALUES(605,400,1,705,105);

INSERT INTO ORDER1 VALUES(606,200,2,706,106);

INSERT INTO ORDER1 VALUES(607,100,3,707,107);

INSERT INTO ORDER1 VALUES(608,200,4,708,108);

INSERT INTO ORDER1 VALUES(609,350,5,709,109);

INSERT INTO ORDER1 VALUES(610,150,1,710,110);

INSERT INTO ORDER1 VALUES(611,180,2,711,111);

INSERT INTO ORDER1 VALUES(612,250,3,712,112);

INSERT INTO ORDER1 VALUES(613,200,4,713,113);

INSERT INTO BILL VALUES(300,100,1,600);

INSERT INTO BILL VALUES(301,101,2,601);

INSERT INTO BILL VALUES(302,102,3,602);

INSERT INTO BILL VALUES(303,103,4,603);

INSERT INTO BILL VALUES(304,104,5,604);

INSERT INTO BILL VALUES(305,105,1,605);

INSERT INTO BILL VALUES(306,106,2,606);

INSERT INTO BILL VALUES(307,107,3,607);

INSERT INTO BILL VALUES(308,108,4,608);

INSERT INTO BILL VALUES(309,109,4,609);

INSERT INTO BILL VALUES(310,110,4,610);

INSERT INTO BILL VALUES(311,111,4,611);

INSERT INTO BILL VALUES(312,112,4,612);

INSERT INTO BILL VALUES(313,113,4,613);

SELECT \* FROM BILL;

INSERT INTO PAYMENT VALUES(500,'Gpay',300);

INSERT INTO PAYMENT VALUES(501,'Paytm',301);

INSERT INTO PAYMENT VALUES(502,'Gpay',302);

INSERT INTO PAYMENT VALUES(503,'Paytm',303);

INSERT INTO PAYMENT VALUES(504,'Paytm',304);

INSERT INTO PAYMENT VALUES(505,'Gpay',305);

INSERT INTO PAYMENT VALUES(506,'Gpay',306);

INSERT INTO PAYMENT VALUES(507,'Paytm',307);

INSERT INTO PAYMENT VALUES(508,'Gpay',308);

INSERT INTO PAYMENT VALUES(509,'Gpay',309);

INSERT INTO PAYMENT VALUES(510,'Gpay',310);

INSERT INTO PAYMENT VALUES(511,'Paytm',311);

INSERT INTO PAYMENT VALUES(512,'Gpay',312);

INSERT INTO PAYMENT VALUES(513,'Paytm',313);

SELECT \* FROM PAYMENT;

INSERT INTO PARTNER VALUES(700,1,1111111128,'DL 01 ZE 1234');

INSERT INTO PARTNER VALUES(701,2,1111111121,'TN 88 ZE 1234');

INSERT INTO PARTNER VALUES(702,3,1111111185,'KA 51 MD 4173');

INSERT INTO PARTNER VALUES(703,4,1111111561,'MH 12 MA 1289');

INSERT INTO PARTNER VALUES(704,5,1111111891,'MH 12 MA 6969');

INSERT INTO PARTNER VALUES(705,1,1111111631,'MH 12 MA 1234');

INSERT INTO PARTNER VALUES(706,2,1111118911,'MH 12 MA 6912');

INSERT INTO PARTNER VALUES(707,3,1111178911,'MH 12 MA 6996');

INSERT INTO PARTNER VALUES(708,4,1111156911,'MH 12 MA 7129');

INSERT INTO PARTNER VALUES(709,5,1111178511,'DL 01 ZE 1694');

INSERT INTO PARTNER VALUES(710,1,1111896611,'MH 12 MA 7569');

INSERT INTO PARTNER VALUES(711,2,1111885211,'MH 12 MA 7899');

INSERT INTO PARTNER VALUES(712,3,1118989811,'DL 01 ZE 9634');

INSERT INTO PARTNER VALUES(713,4,1111785211,'MH 12 MA 7879');

DISPLAYING ALL THE RESTURANT ON BASES OF OFFERS,RATINGS,CUSINE

SELECT \* FROM RESTURANT WHERE OFFER>50 AND RATINGS>4.0 AND CUSINE='MULTI CUSINE';

DISPLAYING ALL THE PARTNERS THAT ARE OUT FOR DELIVERY

SELECT \* FROM PARTNERS;

DISPLAYING ALL THE CITIES THAT HAVE ZOMATO DELIVERY

SELECT CITY FROM RESTURANT ;

DISPLAYING RESTURANT NAME LOCATION AND CUSINE

SELECT LOCATION,REST\_NAME,CUSINE FROM RESTURANT;

DISPLAYING ALL THE FOOD ORDERS CURRENTLY IN DELIVERY(TO DISPLAY ITEM\_NAME ,RESTURANT,TOTAL\_PRICE,CUST\_NAME,CUST\_ADD)

SELECT ITEM\_NAME , REST\_NAME,TOTAL\_PRICE,NAME,CUST\_ADD FROM ORDER1 O INNER JOIN CUSTOMER C ON O.CUST\_ID=C.CUST\_ID INNER JOIN MENU M ON

C.ITEM\_ID=M.ITEM\_ID INNER JOIN RESTURANT R ON R.REST\_ID=M.REST\_ID;

DISPLAYING ALL THE CUSTOMERS WHO ORDERED DISHES COSTING MORE THAN 300

SELECT NAME FROM CUSTOMER WHERE ITEM\_ID IN (SELECT ITEM\_ID FROM MENU WHERE TOTAL\_PRICE>300)

ALTER TABLE MENU ADD PRIMARY KEY(ITEM\_ID);

ALTER TABLE ORDER1 ADD FOREIGN KEY(REST\_ID) REFERENCES RESTURANT(REST\_ID);

ALTER TABLE ORDER1 ADD ) FOREIGN KEY(PARTNER\_ID) REFERENCES PARTNER(PARTNER\_ID);

ALTER TABLE ORDER1 ADD FOREIGN KEY(CUST\_ID) REFERENCES CUSTOMER(CUST\_ID);

order1: FOREIGN KEY(REST\_ID) REFERENCES RESTURANT(REST\_ID), FOREIGN KEY(PARTNER\_ID) REFERENCES PARTNER(PARTNER\_ID), FOREIGN KEY(CUST\_ID) REFERENCES CUSTOMER(CUST\_ID)

ALTER TABLE CUSTOMER ADD FOREIGN KEY(BILL\_ID) REFERENCES BILL(BILL\_ID);

ALTER TABLE CUSTOMER ADD FOREIGN KEY(ITEM\_ID) REFERENCES MENU(ITEM\_ID);

customer: FOREIGN KEY(BILL\_ID) REFERENCES BILL(BILL\_ID), FOREIGN KEY(ITEM\_ID) REFERENCES MENU(ITEM\_ID);

ALTER TABLE BILL ADD FOREIGN KEY(CUST\_ID) REFERENCES CUSTOMER(CUST\_ID);

ALTER TABLE BILL ADD FOREIGN KEY(REST\_ID) REFERENCES RESTURANT(REST\_ID);

ALTER TABLE BILL ADD FOREIGN KEY(ORDER\_ID) REFERENCES ORDER1(ORDER\_ID);

ALTER TABLE PAYMENT ADD FOREIGN KEY(BILL\_ID) REFERENCES BILL(BILL\_ID);

bill: ,FOREIGN KEY(CUST\_ID) REFERENCES CUSTOMER(CUST\_ID), FOREIGN KEY(REST\_ID) REFERENCES RESTURANT(REST\_ID) ,FOREIGN KEY(ORDER\_ID) REFERENCES ORDER1(ORDER\_ID)

payment: FOREIGN KEY(BILL\_ID) REFERENCES BILL(BILL\_ID)