Create Database if not exists `order-directory` ;

use `order-directory`;

create table if not exists `supplier`(`SUPP\_ID` int primary key,`SUPP\_NAME` varchar(50) ,

`SUPP\_CITY` varchar(50),`SUPP\_PHONE` varchar(10));

create table if not exists `customer` (`CUS\_ID` INT NOT NULL,`CUS\_NAME` VARCHAR(20) NULL DEFAULT NULL, `CUS\_PHONE` VARCHAR(10),`CUS\_CITY` varchar(30) ,

`CUS\_GENDER` CHAR,PRIMARY KEY (`CUS\_ID`));

create table if not exists `category` ( `CAT\_ID` INT NOT NULL,`CAT\_NAME` VARCHAR(20) NULL DEFAULT NULL,PRIMARY KEY (`CAT\_ID`) );

create table if not exists `product` (`PRO\_ID` INT NOT NULL,`PRO\_NAME` VARCHAR(20) NULL DEFAULT NULL, `PRO\_DESC` VARCHAR(60) NULL DEFAULT NULL,`CAT\_ID` INT NOT NULL,PRIMARY KEY (`PRO\_ID`),

FOREIGN KEY (`CAT\_ID`) REFERENCES CATEGORY (`CAT\_ID`) );

create table if not exists `product\_details` (`PROD\_ID` INT NOT NULL,`PRO\_ID` INT NOT NULL, `SUPP\_ID` INT NOT NULL, `PROD\_PRICE` INT NOT NULL, PRIMARY KEY (`PROD\_ID`),

FOREIGN KEY (`PRO\_ID`) REFERENCES PRODUCT (`PRO\_ID`),

FOREIGN KEY (`SUPP\_ID`) REFERENCES SUPPLIER(`SUPP\_ID`) );

create table if not exists `order` (`ORD\_ID` INT NOT NULL, `ORD\_AMOUNT` INT NOT NULL,

`ORD\_DATE` DATE, `CUS\_ID` INT NOT NULL,`PROD\_ID` INT NOT NULL,

PRIMARY KEY (`ORD\_ID`), FOREIGN KEY (`CUS\_ID`) REFERENCES CUSTOMER(`CUS\_ID`),

FOREIGN KEY (`PROD\_ID`) REFERENCES PRODUCT\_DETAILS(`PROD\_ID`) );

create table if not exists `rating` ( `RAT\_ID` INT NOT NULL,`CUS\_ID` INT NOT NULL,

`SUPP\_ID` INT NOT NULL, `RAT\_RATSTARS` INT NOT NULL,

PRIMARY KEY (`RAT\_ID`), FOREIGN KEY (`SUPP\_ID`) REFERENCES SUPPLIER (`SUPP\_ID`),

FOREIGN KEY (`CUS\_ID`) REFERENCES CUSTOMER(`CUS\_ID`) );

insert into `supplier` values(1,"Manjunath Distributors","Mangaluru",'9234767810');

insert into `supplier` values(2,"Natraj Retails.","Tumkur",'7589638410');

insert into `supplier` values(3,"Prabhu products","Bengaluru",'9765462123');

insert into `supplier` values(4,"Dhanush Retails","Chennai",'9976663456');

insert into `supplier` values(5,"Mukesh Ltd.","Rajasthan",'8899456785');

INSERT INTO `CUSTOMER` VALUES(1,"Abhi",'1111111111',"Mumbai",'M');

INSERT INTO `CUSTOMER` VALUES(2,"Ajith",'2222222222',"Bengaluru",'M');

INSERT INTO `CUSTOMER` VALUES(3,"Nethra",'3333333333',"Mysuru",'F');

INSERT INTO `CUSTOMER` VALUES(4,"Mithra",'4444444444',"Shivamogga",'F');

INSERT INTO `CUSTOMER` VALUES(5,"Puneeth",'8888888888',"Mandya",'M');

INSERT INTO `CATEGORY` VALUES( 1,"BOOKS");

INSERT INTO `CATEGORY` VALUES(2,"GAMES");

INSERT INTO `CATEGORY` VALUES(3,"GROCERIES");

INSERT INTO `CATEGORY` VALUES (4,"ELECTRONICS");

INSERT INTO `CATEGORY` VALUES(5,"CLOTHES");

INSERT INTO `PRODUCT` VALUES(1,"GTA V","DFJDJFDJFDJFDJFJF",2);

INSERT INTO `PRODUCT` VALUES(2,"TSHIRT","DFDFJDFJDKFD",5);

INSERT INTO `PRODUCT` VALUES(3,"ROG LAPTOP","DFNTTNTNTERND",4);

INSERT INTO `PRODUCT` VALUES(4,"OATS","REURENTBTOTH",3);

INSERT INTO `PRODUCT` VALUES(5,"HARRY POTTER","NBEMCTHTJTH",1);

INSERT INTO PRODUCT\_DETAILS VALUES(1,1,2,1500);

INSERT INTO PRODUCT\_DETAILS VALUES(2,3,5,30000);

INSERT INTO PRODUCT\_DETAILS VALUES(3,5,1,3000);

INSERT INTO PRODUCT\_DETAILS VALUES(4,2,3,2500);

INSERT INTO PRODUCT\_DETAILS VALUES(5,4,1,1000);

INSERT INTO `ORDER` VALUES (50,2000,"2021-10-06",2,1);

INSERT INTO `ORDER` VALUES(20,1500,"2021-10-12",3,5);

INSERT INTO `ORDER` VALUES(25,30500,"2021-09-16",5,2);

INSERT INTO `ORDER` VALUES(26,2000,"2021-10-05",1,1);

INSERT INTO `ORDER` VALUES(30,3500,"2021-08-16",4,3);

INSERT INTO `RATING` VALUES(1,2,2,4);

INSERT INTO `RATING` VALUES(2,3,4,3);

INSERT INTO `RATING` VALUES(3,5,1,5);

INSERT INTO `RATING` VALUES(4,1,3,2);

INSERT INTO `RATING` VALUES(5,4,5,4);

select customer.cus\_gender,count(customer.cus\_gender) as count from customer inner join `order` on customer.cus\_id=`order`.cus\_id where `order`.ord\_amount>=3000 group by customer.cus\_gender;

select `order`.\*,product.pro\_name from `order` ,product\_details,product where `order`.cus\_id=2 and `order`.prod\_id=product\_details.prod\_id and product\_details.prod\_id=product.pro\_id;

select supplier.\* from supplier,product\_details where supplier.supp\_id in (select product\_details.supp\_id from product\_details group by product\_details.supp\_id having count(product\_details.supp\_id)>1) group by supplier.supp\_id;

select product.pro\_id,product.pro\_name from `order` inner join product\_details on product\_details.prod\_id=`order`.prod\_id inner join product on product.pro\_id=product\_details.pro\_id where `order`.ord\_date>"2021-10-05";

select supplier.supp\_id,supplier.supp\_name,customer.cus\_name,rating.rat\_ratstars from rating inner join supplier on rating.supp\_id=supplier.supp\_id inner join customer on rating.cus\_id=customer.cus\_id order by rating.rat\_ratstars desc limit 3;

select customer.cus\_name ,customer.cus\_gender from customer where customer.cus\_name like 'A%' or customer.cus\_name like '%A';

select sum(`order`.ord\_amount) as Amount from `order` inner join customer on `order`.cus\_id=customer.cus\_id where customer.cus\_gender='M';

select \* from customer left outer join `order` on customer.cus\_id=`order`.cus\_id;

DELIMITER &&

CREATE PROCEDURE proc()

BEGIN

select supplier.supp\_id,supplier.supp\_name,rating.rat\_ratstars,

CASE

WHEN rating.rat\_ratstars >4 THEN 'Genuine Supplier'

WHEN rating.rat\_ratstars>2 THEN 'Average Supplier'

ELSE 'Supplier should not be considered'

END AS verdict from rating inner join supplier on supplier.supp\_id=rating.supp\_id;

END &&

DELIMITER ;

call proc();