

GURUNANAK DEV ENGINEERING COLLEGE LUDHIANA

DATABASE MANAGEMENT SYSTEM



A MINOR PROJECT ON ONLINE SHOPPING PLATFORM (QUERIES)

Submitted By :

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D3/CSE-E1

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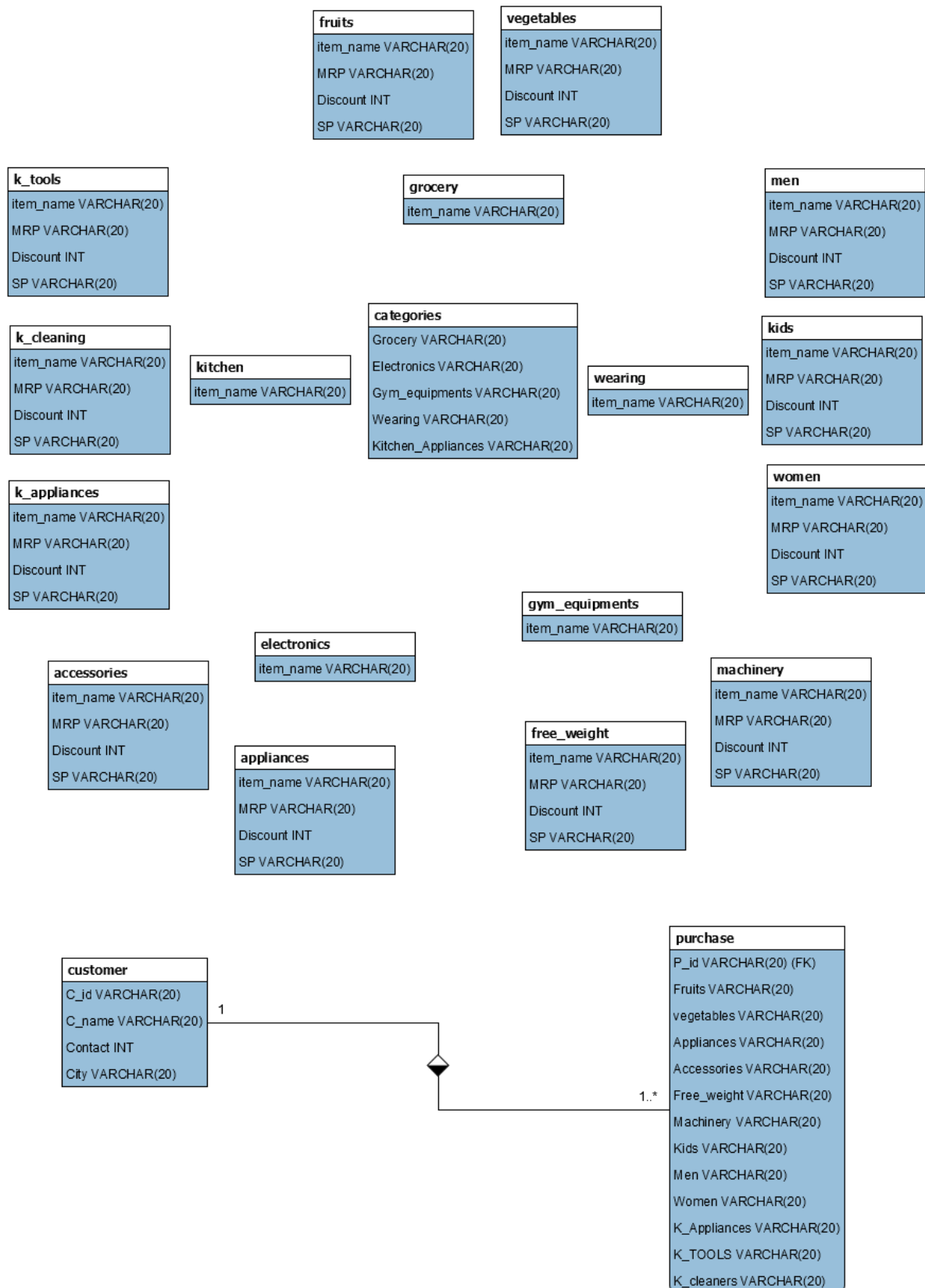
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ER DIAGRAM





1) Customer Table

- create table Customer(C_id varchar (20) , primary key(C_id) , C_name varchar (20) , Contact int , City varchar (20)) ;

| customer |
|--------------------|
| C_id VARCHAR(20) |
| C_name VARCHAR(20) |
| Contact INT |
| City VARCHAR(20) |

- insert into `Customer` (`C_id` , `C_name` , `contact` , `city`) values ("C111" , "Atul" , 236736 , "Delhi");
- insert into `Customer` (`C_id` , `C_name` , `contact` , `city`) values ("C112" , "Amrit" , 674567 , "Dehradun");
- insert into `Customer` (`C_id` , `C_name` , `contact` , `city`) values ("C113" , "Amar" , 783826 , "Ludhiana");

| | | | | | |
|-------------|------|---|---|--------------|--|
| Result Grid | |  |  | Filter Rows: | |
| | C_id | C_name | Contact | City | |
| ▶ | C111 | Atul | 236736 | Delhi | |
| | C112 | Amrit | 674567 | Dehradun | |
| | C113 | Amar | 783826 | Ludhiana | |
| ⊙ | NULL | NULL | NULL | NULL | |

2) Purchase Table

- create table Purchase(P_id varchar (20) , primary key (P_id) ,FOREIGN KEY(P_id) REFERENCES Customer (C_id), Fruits varchar (20) , vegetables varchar (20) , Appliances varchar (20) , Accessories varchar (20) , Free_weight varchar (20) , Machinery varchar (20) , Kids varchar (20) , Men varchar (20) , Women varchar (20) , K_Appliances varchar (20) , K_TOOLS varchar (20), K_cleaners varchar (20)) .

| purchase |
|--------------------------|
| P_id VARCHAR(20) (FK) |
| Fruits VARCHAR(20) |
| vegetables VARCHAR(20) |
| Appliances VARCHAR(20) |
| Accessories VARCHAR(20) |
| Free_weight VARCHAR(20) |
| Machinery VARCHAR(20) |
| Kids VARCHAR(20) |
| Men VARCHAR(20) |
| Women VARCHAR(20) |
| K_Appliances VARCHAR(20) |
| K_TOOLS VARCHAR(20) |
| K_cleaners VARCHAR(20) |

- insert into `purchase` (`p_id` , `Fruits` , `vegetables` , `Appliances` , `Accessories` , `Free_weight` , `Machinery` , `Kids` , `Men` , `Women` , `K_Appliances` , `K_TOOLS` , `K_cleaners`) values ("C111" , "1 kg Apple " , " 1 kg Carrot", NULL , NULL , NULL , NULL , NULL , NULL, NULL , NULL , NULL , NULL);
- insert into `purchase` (`p_id` , `Fruits` , `vegetables` , `Appliances` , `Accessories` , `Free_weight` , `Machinery` , `Kids` , `Men` , `Women` , `K_Appliances` , `K_TOOLS` , `K_cleaners`)

```
values ( "C112" , NULL, NULL , "1 * Samsung S20" , "1 * Boat earphone",
NULL , NULL , NULL , NULL, NULL , NULL ,NULL , NULL);
```

- insert into `purchase` (`p_id` , `Fruits` , `vegetables` , `Appliances` , `Accessories` , `Free_weight` , `Machinery` , `Kids` , `Men` , `Women` , `K_Appliances` , `K_TOOLS` , `K_cleaners`) values ("C113" , NULL, NULL , NULL, NULL , NULL , " 10 Kg duble pair" , NULL , "1 * Denim " , NULL , NULL ,NULL , NULL);

| P_id | Fruits | vegetables | Appliances | Accessories | Free_weight | Machinery | Kids | Men | Women | K_Appliances | K_TOOLS | K_cleaners |
|------|------------|-------------|-----------------|-------------------|-------------|------------------|------|-----------|-------|--------------|---------|------------|
| C111 | 1 kg Apple | 1 kg Carrot | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |
| C112 | NULL | NULL | 1 * Samsung S20 | 1 * Boat earphone | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |
| C113 | NULL | NULL | NULL | NULL | NULL | 10 Kg duble pair | NULL | 1 * Denim | NULL | NULL | NULL | NULL |
| * | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

3) Categories Table

- create table categories (Grocery varchar (20) , Electronics varchar (20) , Gym equipments varchar (20) , Wearing varchar (20) , Kitchen_Appliances varchar (20)) ;

| categories |
|--------------------------------|
| Grocery VARCHAR(20) |
| Electronics VARCHAR(20) |
| Gym equipments VARCHAR(20) |
| Wearing VARCHAR(20) |
| Kitchen_Appliances VARCHAR(20) |

- insert into `categories` (`Grocery` , `Electronics` , `Gym equipments` , `Wearing` , `Kitchen_Appliances`) values ("Fruits" , "Appliances" , "Free_weight" , "Kids" , "K_Appliances");

- insert into `categories` (`Grocery` , `Electronics` ,
`Gym equipments` , `Wearing` , `Kitchen_Appliances`) values ("Vegetables" , "Accessories" , "Machinery" , "Men" , "K_tools");
- insert into `categories` (`Grocery` , `Electronics` ,
`Gym equipments` , `Wearing` , `Kitchen_Appliances`) values (NULL , NULL , NULL , "Women" , "Cleaning");

| | Grocery | Electronics | Gym equipments | Wearing | Kitchen_Appliances |
|---|------------|-------------|----------------|---------|--------------------|
| ▶ | Fruits | Appliances | Free_weight | Kids | K_Appliances |
| | Vegetables | Accessories | Machinery | Men | K_tools |
| | NULL | NULL | NULL | Women | Cleaning |

4) Grocery

- create table Grocery (item_name varchar (20)) ;

| grocery |
|-----------------------|
| item_name VARCHAR(20) |

- insert into `Grocery` (`item_name`) values ("Fruits");
- insert into `Grocery` (`item_name`) values ("Vegetables");

| item_name |
|------------|
| Fruits |
| Vegetables |

5) Fruits

- create table Fruits (item_name varchar (20) , MRP varchar (20) , Discount int , SP varchar (20)) ;

| fruits |
|-----------------------|
| item_name VARCHAR(20) |
| MRP VARCHAR(20) |
| Discount VARCHAR(20) |
| SP VARCHAR(20) |

- insert into `Fruits` (`item_name` , `MRP` , `Discount` , `SP`) values ("Mango" , "120/-" , 10 , "108/-");
- insert into `Fruits` (`item_name` , `MRP` , `Discount` , `SP`) values ("Apple" , "100/-" , 5 , "95/-");
- insert into `Fruits` (`item_name` , `MRP` , `Discount` , `SP`) values ("Grapes" , "60/-" , NULL , "60/-");
- insert into `Fruits` (`item_name` , `MRP` , `Discount` , `SP`) values ("Guava" , "80/-" , 5 , "76/-");
- insert into `Fruits` (`item_name` , `MRP` , `Discount` , `SP`) values ("Banana" , "30/-" , Null , "30/-");

| item_name | MRP | Discount | SP |
|-----------|-------|----------|-------|
| Mango | 120/- | 10 | 108/- |
| Apple | 100/- | 5 | 95/- |
| Grapes | 60/- | NULL | 60/- |
| Guava | 80/- | 5 | 76/- |
| Banana | 30/- | NULL | 30/- |

6) Vegetables

- create table Vegetables(item_name varchar (20) , MRP varchar (20) , Discount int , SP varchar (20)) ;

| vegetables |
|-----------------------|
| item_name VARCHAR(20) |
| MRP VARCHAR(20) |
| Discount VARCHAR(20) |
| SP VARCHAR(20) |

- insert into `Vegetables` (`item_name` , `MRP` , `Discount` , `SP`) values ("Carrot" , "30/-" , Null , "30/-");
- insert into `Vegetables` (`item_name` , `MRP` , `Discount` , `SP`) values ("Potato" , "50/-" , Null , "50/-");
- insert into `Vegetables` (`item_name` , `MRP` , `Discount` , `SP`) values ("Onion" , "35/-" , Null , "35/-");
- insert into `Vegetables` (`item_name` , `MRP` , `Discount` , `SP`) values ("Cabbage" , "15/-" , Null , "15/-");
- insert into `Vegetables` (`item_name` , `MRP` , `Discount` , `SP`) values ("Spinach" , "20/-" , Null , "20/-");

| < | | | | |
|--------------|-----------|------|----------|------|
| Result Grid | | | | |
| Filter Rows: | | | | |
| | item_name | MRP | Discount | SP |
| ▶ | Carrot | 30/- | NULL | 30/- |
| | Potato | 50/- | NULL | 50/- |
| | Onion | 35/- | NULL | 35/- |
| | Cabbage | 15/- | NULL | 15/- |
| | Spinach | 20/- | NULL | 20/- |

7) Electronics

- create table electronics (item_name varchar (20));

| electronics |
|-----------------------|
| item_name VARCHAR(20) |

- insert into `electronics` (`item_name`) values ("Appliances");
- insert into `electronics` (`item_name`) values ("Accessories");

| Result Grid | |
|-------------|-------------|
| | item_name |
| ▶ | Appliances |
| | Accessories |

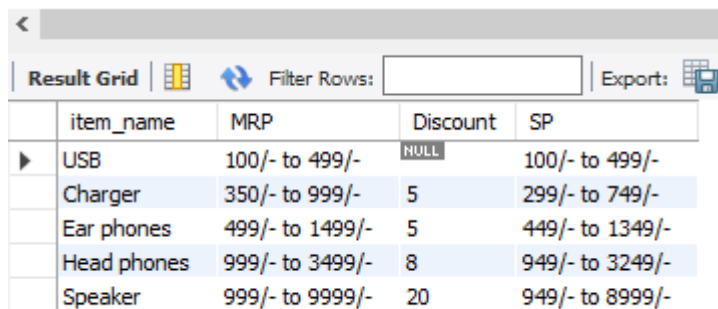
8) Accessories

- create table Accessories(item_name varchar (20) , MRP varchar (20) , Discount int , SP varchar (20));

| accessories |
|-----------------------|
| item_name VARCHAR(20) |
| MRP VARCHAR(20) |
| Discount VARCHAR(20) |
| SP VARCHAR(20) |

- insert into `Accessories` (`item_name` , `MRP` , `Discount` , `SP`) values ("USB" , "100/- to 499/-" , NULL , "100/- to 499/-");
- insert into `Accessories` (`item_name` , `MRP` , `Discount` , `SP`) values ("Charger" , "350/- to 999/-" , 5 , "299/- to 749/-");
- insert into `Accessories` (`item_name` , `MRP` , `Discount` , `SP`) values ("Ear phones" , "499/- to 1499/-" , 5 , "449/- to 1349/-");

- insert into `Accessories` (`item_name` , `MRP` , `Discount` , `SP`) values ("Head phones" , "999/- to 3499/-" , 8 , "949/- to 3249/-");
- insert into `Accessories` (`item_name` , `MRP` , `Discount` , `SP`) values ("Speaker" , "999/- to 9999/-" , 20 , "949/- to 8999/-");



| | item_name | MRP | Discount | SP |
|---|-------------|-----------------|----------|-----------------|
| ▶ | USB | 100/- to 499/- | NULL | 100/- to 499/- |
| | Charger | 350/- to 999/- | 5 | 299/- to 749/- |
| | Ear phones | 499/- to 1499/- | 5 | 449/- to 1349/- |
| | Head phones | 999/- to 3499/- | 8 | 949/- to 3249/- |
| | Speaker | 999/- to 9999/- | 20 | 949/- to 8999/- |

9) Appliances



- create table Appliances(item_name varchar (20) , MRP varchar (20) , Discount int , SP varchar (20)) ;



| appliances |
|-----------------------|
| item_name VARCHAR(20) |
| MRP VARCHAR(20) |
| Discount VARCHAR(20) |
| SP VARCHAR(20) |

- insert into `Appliances` (`item_name` , `MRP` , `Discount` , `SP`) values ("Laptop" , "30,000/- to 60,000/-" , 25 , "25,000/- to 52,000/-");
- insert into `Appliances` (`item_name` , `MRP` , `Discount` , `SP`) values ("Mobile" , "8000/- to 25,000/-" , 15 , "7500/- to 22,000/-");
- insert into `Appliances` (`item_name` , `MRP` , `Discount` , `SP`) values ("Television" , "6000/- to 15,000/-" , 10 , "5500/- to 13,500/-");

- insert into `Appliances` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Refrigrator" , "10,000/- to 25,000/-" , 10 , "9000/- to 23,000/-");
- insert into `Appliances` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Air_conditioner" , "25,000/- to 50,000/-" , 10 , "23,000/- to 46,500/-");

| Result Grid | | | | |
|--------------|-----------------|---|----------|----------------------|
| Filter Rows: | | Export:  Wrap Cell Content:  | | |
| | item_name | MRP | Discount | SP |
| ▶ | Laptop | 30,000/- to 60,000/- | 25 | 25,000/- to 52,000/- |
| | Mobile | 8000/- to 25,000/- | 15 | 7500/- to 22,000/- |
| | Television | 6000/- to 15,000/- | 10 | 5500/- to 13,500/- |
| | Refrigrator | 10,000/- to 25,000/- | 10 | 9000/- to 23,000/- |
| | Air_conditioner | 25,000/- to 50,000/- | 10 | 23,000/- to 46,500/- |

10) Gym Equipment's

- create table gym equipments (item_name varchar (20)) ;

| gym equipments | |
|----------------|-----------------------|
| | item_name VARCHAR(20) |

- insert into `gym equipments` (`item_name`) values ("Free_weight");
- insert into `gym equipments` (`item_name`) values ("Machinery");



| Result Grid | |
|-------------|-------------|
| | item_name |
| ▶ | Free_weight |
| | Machinery |

11) Machinery

- create table Machinery(item_name varchar (20) , MRP varchar (20) , Discount int , SP varchar (20)) ;

| machinery |
|-----------------------|
| item_name VARCHAR(20) |
| MRP VARCHAR(20) |
| Discount INT |
| SP VARCHAR(20) |

- insert into `Machinery` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Treadmill" , "20,000/- to 60,000/-" , 20 , "17,500/- to 57,500/-");
- insert into `Machinery` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Multipurpose bench" , "10,000/- to 50,000/-" , 15 , "8500/- to 47,500/-");
- insert into `Machinery` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Squat Rack" , "10,000/- to 25,000/-" , 10 , "8999/- to 23,500/-");
- insert into `Machinery` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Cable Crossover" , "25,000/- to 50,000/-" , 10 , "23,500/- to 46,500/-");
- insert into `Machinery` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Hammer Strenght" , "20,000/- to 60,000/-" , 15 , "18,500/- to 57,500/-");

| Result Grid | | | | |
|--------------|--------------------|--|----------|----------------------|
| Filter Rows: | | Export:  Wrap Cell Content:  | | |
| | item_name | MRP | Discount | SP |
| ▶ | Treadmill | 20,000/- to 60,000/- | 20 | 17,500/- to 57,500/- |
| | Multipurpose bench | 10,000/- to 50,000/- | 15 | 8500/- to 47,500/- |
| | Squat Rack | 10,000/- to 25,000/- | 10 | 8999/- to 23,500/- |
| | Cable Crossover | 25,000/- to 50,000/- | 10 | 23,500/- to 46,500/- |
| | Hammer Strenght | 20,000/- to 60,000/- | 15 | 18,500/- to 57,500/- |

12) Free weight

- create table Free_weight(item_name varchar (20) , MRP varchar (20) , Discount int , SP varchar (20)) ;

| free_weight |
|-----------------------|
| item_name VARCHAR(20) |
| MRP VARCHAR(20) |
| Discount VARCHAR(20) |
| SP VARCHAR(20) |

- insert into `Free_weight` (`item_name` , `MRP` , `Discount` , `SP`) values ("Ropes" , "999/- to 3999/-" , 10 , "949/- to 3499/-");
- insert into `Free_weight` (`item_name` , `MRP` , `Discount` , `SP`) values ("Barbell" , "499/- to 1499/-" , 5 , "449/- to 1399/-");
- insert into `Free_weight` (`item_name` , `MRP` , `Discount` , `SP`) values ("Dumbell" , "999/- to 9999/-" , 10 , "849/- to 8999/-");
- insert into `Free_weight` (`item_name` , `MRP` , `Discount` , `SP`) values ("Kettlebell" , "999/- to 2499/-" , 5 , "849/- to 2399/-");
- insert into `Free_weight` (`item_name` , `MRP` , `Discount` , `SP`) values ("Hand grip" , "249/- to 999/-" , NULL , "249/- to 999/-");

| item_name | MRP | Discount | SP |
|------------|-----------------|----------|-----------------|
| Ropes | 999/- to 3999/- | 10 | 949/- to 3499/- |
| Barbell | 499/- to 1499/- | 5 | 449/- to 1399/- |
| Dumbell | 999/- to 9999/- | 10 | 849/- to 8999/- |
| Kettlebell | 999/- to 2499/- | 5 | 849/- to 2399/- |
| Hand grip | 249/- to 999/- | NULL | 249/- to 999/- |

13) Wearing

- create table Wearing (item_name varchar (20)) ;

| wearing |
|-----------------------|
| item_name VARCHAR(20) |

- insert into `wearing` (`item_name`) values ("Kids");
- insert into `wearing` (`item_name`) values ("Men");
- insert into `wearing` (`item_name`) values ("women");

| Result Grid | |
|-------------|-----------|
| | item_name |
| ▶ | Kids |
| | Men |
| | women |

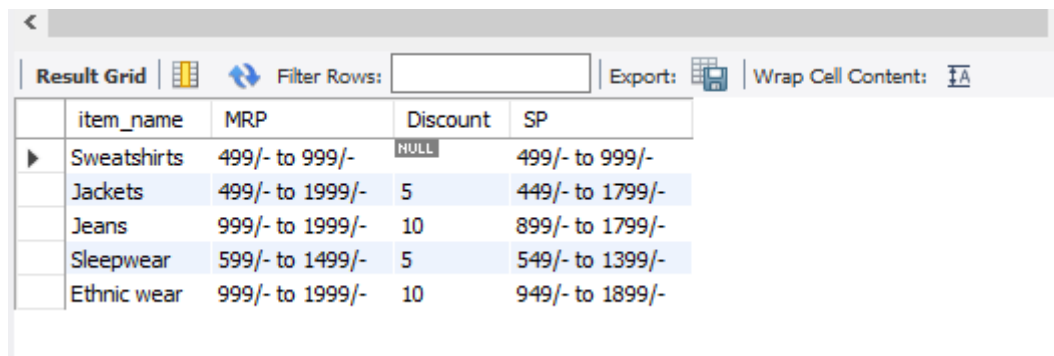
14) Kids

- create table Kids(item_name varchar (20) , MRP varchar (20) , Discount int , SP varchar (20)) ;

| kids |
|-----------------------|
| item_name VARCHAR(20) |
| MRP VARCHAR(20) |
| Discount VARCHAR(20) |
| SP VARCHAR(20) |

- insert into `Kids` (`item_name` , `MRP` , `Discount` , `SP`) values ("Sweatshirts" , "499/- to 999/-" , Null , "499/- to 999/-");
- insert into `Kids` (`item_name` , `MRP` , `Discount` , `SP`) values ("Jackets" , "499/- to 1999/-" , 5 , "449/- to 1799/-");

- insert into `Kids` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Jeans" , "999/- to 1999/-" , 10 , "899/- to 1799/-");
- insert into `Kids` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Sleepwear" , "599/- to 1499/-" , 5 , "549/- to 1399/-");
- insert into `Kids` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Ethnic wear" , "999/- to 1999/-" , 10 , "949/- to 1899/-");



| | item_name | MRP | Discount | SP |
|---|-------------|-----------------|----------|-----------------|
| ▶ | Sweatshirts | 499/- to 999/- | NULL | 499/- to 999/- |
| | Jackets | 499/- to 1999/- | 5 | 449/- to 1799/- |
| | Jeans | 999/- to 1999/- | 10 | 899/- to 1799/- |
| | Sleepwear | 599/- to 1499/- | 5 | 549/- to 1399/- |
| | Ethnic wear | 999/- to 1999/- | 10 | 949/- to 1899/- |

15) Men

- create table Men(item_name varchar (20) , MRP varchar (20) ,
Discount int , SP varchar (20)) ;





| men |
|-----------------------|
| item_name VARCHAR(20) |
| MRP VARCHAR(20) |
| Discount VARCHAR(20) |
| SP VARCHAR(20) |

- insert into `Men` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Shirts" , "499/- to 999/-" , NULL , "499/- to 999/-");
- insert into `Men` (`item_name` , `MRP` , `Discount` , `SP`)

```
values ( "Track pants" , "499/- to 1499/-" , NULL , "499/- to 1499/-" );
```

- insert into `Men` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Shoes" , "999/- to 4999/-" , 10 , "899/- to 4799/-");
- insert into `Men` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Formal wear" , "4999/- to 9999/-" , 10 , "4499/- to 8999/-");
- insert into `Men` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Sports Wear" , "999/- to 2999/-" , 5 , "949/- to 2899/-");

| Result Grid | | | | |
|-------------|-------------|------------------|----------|--|
| | | Filter Rows: | | Export:  Wrap Cell Content:  |
| | item_name | MRP | Discount | SP |
| ▶ | Shirts | 499/- to 999/- | NULL | 499/- to 999/- |
| | Track pants | 499/- to 1499/- | NULL | 499/- to 1499/- |
| | Shoes | 999/- to 4999/- | 10 | 899/- to 4799/- |
| | Formal wear | 4999/- to 9999/- | 10 | 4499/- to 8999/- |
| | Sports Wear | 999/- to 2999/- | 5 | 949/- to 2899/- |

16) Women

- create table Women(item_name varchar (20) , MRP varchar (20) , Discount int , SP varchar (20)) ;

| women |
|-----------------------|
| item_name VARCHAR(20) |
| MRP VARCHAR(20) |
| Discount VARCHAR(20) |
| SP VARCHAR(20) |

- insert into `Women` (`item_name` , `MRP` , `Discount` , `SP`)
values ("Tops & T-shirts" , "499/- to 1499/-" , 5 , "449/- to 1449/-");

- insert into `Women` (`item_name` , `MRP` , `Discount` , `SP`) values ("Bottom Wear" , "999/- to 1999/-" , 10 , "899/- to 1799/-");
- insert into `Women` (`item_name` , `MRP` , `Discount` , `SP`) values ("Sandals" , "899/- to 2999/-" , 15 , "799/- to 2799/-");
- insert into `Women` (`item_name` , `MRP` , `Discount` , `SP`) values ("Formals" , "2999/- to 9999/-" , 20 , "2799/- to 8999/-");
- insert into `Women` (`item_name` , `MRP` , `Discount` , `SP`) values ("Sports Wear" , "999/- to 4999/-" , 15 , "899/- to 4499/-");

| Result Grid | | | | |
|-----------------------------------|-----------------|------------------|----------|------------------|
| Filter Rows: <input type="text"/> | | | | |
| Export: Wrap Cell Content: | | | | |
| | item_name | MRP | Discount | SP |
| ▶ | Tops & T-shirts | 499/- to 1499/- | 5 | 449/- to 1449/- |
| | Bottom Wear | 999/- to 1999/- | 10 | 899/- to 1799/- |
| | Sandals | 899/- to 2999/- | 15 | 799/- to 2799/- |
| | Formals | 2999/- to 9999/- | 20 | 2799/- to 8999/- |
| | Sports Wear | 999/- to 4999/- | 15 | 899/- to 4499/- |

17) Kitchen

- create table Kitchen (item_name varchar (20)) ;

| kitchen |
|-----------------------|
| item_name VARCHAR(20) |

- insert into `kitchen` (`item_name`) values ("K_Appliances");
- insert into `kitchen` (`item_name`) values ("K_tools");

| Result Grid | |
|-------------|--------------|
| | item_name |
| ▶ | K_Appliances |
| | K_tools |

18) Kitchen appliances

- create table K_Appliances(item_name varchar (20) , MRP varchar (20) , Discount int , SP varchar (20)) ;

| k_appliances |
|-----------------------|
| item_name VARCHAR(20) |
| MRP VARCHAR(20) |
| Discount VARCHAR(20) |
| SP VARCHAR(20) |

- insert into `K_Appliances` (`item_name` , `MRP` , `Discount` , `SP`) values ("Microwave" , "4999/- to 14999/-" , 10 , "4799/- to 13499/-");
- insert into `K_Appliances` (`item_name` , `MRP` , `Discount` , `SP`) values ("Blender" , "1999/- to 4999/-" , 5 , "1899/- to 4799/-");
- insert into `K_Appliances` (`item_name` , `MRP` , `Discount` , `SP`) values ("Oven" , "3999/- to 9999/-" , 10 , "4499/- to 8999/-");
- insert into `K_Appliances` (`item_name` , `MRP` , `Discount` , `SP`) values ("Chimney" , "4999/- to 14999/-" , 10 , "4499/- to 13599/-");
- insert into `K_Appliances` (`item_name` , `MRP` , `Discount` , `SP`) values ("Mixer grinder" , "1999/- to 4999/-" , 10 , "1899/- to 4599/-");

| item_name | MRP | Discount | SP |
|---------------|-------------------|----------|-------------------|
| Microwave | 4999/- to 14999/- | 10 | 4799/- to 13499/- |
| Blender | 1999/- to 4999/- | 5 | 1899/- to 4799/- |
| Oven | 3999/- to 9999/- | 10 | 4499/- to 8999/- |
| Chimney | 4999/- to 14999/- | 10 | 4499/- to 13599/- |
| Mixer grinder | 1999/- to 4999/- | 10 | 1899/- to 4599/- |

19) Kitchen tools

- create table K_tools(item_name varchar (20) , MRP varchar (20) , Discount int , SP varchar (20)) ;

| k_tools |
|-----------------------|
| item_name VARCHAR(20) |
| MRP VARCHAR(20) |
| Discount VARCHAR(20) |
| SP VARCHAR(20) |

- insert into `K_tools` (`item_name` , `MRP` , `Discount` , `SP`) values ("Knifes" , "499/- to 999/-" , NULL , "499/- to 999/-");
- insert into `K_tools` (`item_name` , `MRP` , `Discount` , `SP`) values ("peeler" , "199/- to 499/-" , NULL , "199/- to 499/-");
- insert into `K_tools` (`item_name` , `MRP` , `Discount` , `SP`) values ("Safety gloves" , "499/- to 999/-" , 5 , "449/- to 899/-");

| item_name | MRP | Discount | SP |
|---------------|----------------|----------|----------------|
| Knifes | 499/- to 999/- | NULL | 499/- to 999/- |
| peeler | 199/- to 499/- | NULL | 199/- to 499/- |
| Safety gloves | 499/- to 999/- | 5 | 449/- to 899/- |

20) Cleaning

- create table K_Cleaning(item_name varchar (20) , MRP varchar (20) , Discount int , SP varchar (20)) ;

| cleaning |
|-----------------------|
| item_name VARCHAR(20) |
| MRP VARCHAR(20) |
| Discount VARCHAR(20) |
| SP VARCHAR(20) |

- insert into `Cleaning` (`item_name` , `MRP` , `Discount` , `SP`)
values (" Soap" , "99/- to 399/-" , NULL , "99/- to 399/-");
- insert into `Cleaning` (`item_name` , `MRP` , `Discount` , `SP`)
values (" Duster+wiper" , "499/- to 999/-" , 5 , "449/- to 949/-");
- insert into `Cleaning` (`item_name` , `MRP` , `Discount` , `SP`)
values (" Scrub" , "99/- to 199/-" , NULL , "99/- to 199/-");

| < | | | | |
|---|--------------|----------------|----------|----------------|
| Result Grid Filter Rows: Export: Wrap Cell Content: | | | | |
| | item_name | MRP | Discount | SP |
| ▶ | Soap | 99/- to 399/- | NULL | 99/- to 399/- |
| | Duster+wiper | 499/- to 999/- | 5 | 449/- to 949/- |
| | Scrub | 99/- to 199/- | NULL | 99/- to 199/- |

❖ Find the products from electronics where discount > 10%

- Select * from accessories where discount > 10;

| Result Grid | Filter Rows: | Export: | Wrap Cell Content: |
|-------------|-----------------|----------|--------------------|
| item_name | MRP | Discount | SP |
| Speaker | 999/- to 9999/- | 20 | 949/- to 8999/- |

- Select * from appliances where discount > 10;

| item_name | MRP | Discount | SP |
|-----------|----------------------|----------|----------------------|
| Laptop | 30,000/- to 60,000/- | 25 | 25,000/- to 52,000/- |
| Mobile | 8000/- to 25,000/- | 15 | 7500/- to 22,000/- |

❖ Find the MRP of fruits only

- Select item_name, MRP from fruits;

| item_name | MRP |
|-----------|-------|
| Mango | 120/- |
| Apple | 100/- |
| Grapes | 60/- |
| Guava | 80/- |
| Banana | 30/- |

❖ Find the price range of Dumbbells

- Select item_name, MRP from free_weight where item_name = 'Dumbell';

| item_name | MRP |
|-----------|-----------------|
| Dumbell | 999/- to 9999/- |

❖ Find the selling price of shirts from men's wearing

- Select item_name, SP from men where item_name='Shirts';

| item_name | SP |
|-----------|----------------|
| Shirts | 499/- to 999/- |

❖ Find the distinct items from kids section .

➤ Select distinct * from kids;

| | item_name | MRP | Discount | SP |
|---|-------------|-----------------|----------|-----------------|
| ▶ | Sweatshirts | 499/- to 999/- | NULL | 499/- to 999/- |
| | Jackets | 499/- to 1999/- | 5 | 449/- to 1799/- |
| | Jeans | 999/- to 1999/- | 10 | 899/- to 1799/- |
| | Sleepwear | 599/- to 1499/- | 5 | 549/- to 1399/- |
| | Ethnic wear | 999/- to 1999/- | 10 | 949/- to 1899/- |

❖ Find the cleaning items available for kitchen.

➤ Select item_name from k_cleaning;

| | item_name |
|---|---------------|
| ▶ | Soap |
| | Duster +wiper |
| | Scrub |

❖ Find the number of customers who have purchased something.

➤ Select count(*) from customer;

| | count(*) |
|---|----------|
| ▶ | 3 |

❖ Find the details of the customer who lives in delhi.

➤ SELECT * FROM customer WHERE city='delhi';

| | C_id | C_name | Contact | City |
|---|------|--------|---------|-------|
| ▶ | C111 | Atul | 236736 | Delhi |
| * | NULL | NULL | NULL | NULL |

❖ Update the name of the city one customer to Chandigarh

➤ Update customer set city = " Chandigarh" where c_id= "C113"

| | C_id | C_name | Contact | City |
|---|------|--------|---------|------------|
| ▶ | C113 | Amar | 783826 | Chandigarh |
| * | NULL | NULL | NULL | NULL |

❖ **Rename the Gym_equipment table to Gym table.**

➤ `alter table Gym equipments rename to Gym`