Q1 Import Data from table Grocery Sales using the provided CSV File.

```
select * from Grocery_Store;
```

#Q2 Write an SQL query to show all Item_Identifier

```
select Item_Identifier from Grocery_Store;
```

#Q3 Write an SQL query to show count of total Item_Identifier

```
select count(Item_Identifier) from Grocery_Store;
```

#Q4 Write an SQL query to show maximum Item Weight.

```
select max(Item_Weight) from Grocery_Store;
```

#Q5 Write an SQL query to show minimum Item Weight.

```
select min(Item_Weight) from Grocery_Store;
```

#Q6 Write an SQL query to show average Item_Weight

```
select avg(Item_Weight) from Grocery_Store;
```

#Q7 Write an SQL query to show count of Item_Fat_Content WHERE Item_Fat_Content is Low Fat.

```
select count(Item_Fat_Content) from Grocery_Store where Item_Fat_Content = 'Low Fat';
```

#Q8 Write an SQL query to show count of Item_Fat_Content WHERE Item_Fat_Content is Regular.

```
select count(Item_Fat_Content) from Grocery_Store where Item_Fat_Content = 'Regular';
```

#Q9 Write an SQL query to show maximum Item_MRP

```
select max(Item_MRP) from Grocery_Store;
```

#Q10 Write an SQL query to show minimum Item_MRP

```
select min(Item_MRP) from Grocery_Store;
```

#Q11 Write an SQL query to show Item_Identifier , Item_Fat_Content ,Item_Type, Item_MRP whose Item_MRP is greater than 200.

```
select Item_Identifier , Item_Fat_Content ,Item_Type,Item_MRP from Grocery_Store where Item_MRP>200;
```

#Q12 Write an SQL query to show maximum Item_MRP WHERE Item_Fat_Content is Low Fat

```
select max(Item_MRP) from Grocery_Store where Item_Fat_Content = 'Low Fat';
```

#Q13 Write an SQL query to show minimum Item_MRP whose Item_Fat_Content is Low Fat

```
select min(Item_MRP) from Grocery_Store where Item_Fat_Content = 'Low Fat';
```

#Q14 Write an SQL query to show ALL DATA WHERE item MRP is BETWEEN 50 to 100

```
select * from Grocery_Store where Item_MRP between 50 and 100;
```

#Q15 Write an SQL query to show ALL UNIQUE value of Item_Fat_Content

```
select distinct Item_Fat_Content from Grocery_Store;
```

#Q16 Write an SQL query to show ALL UNIQUE value of Item_Type

```
select distinct Item_Type from Grocery_Store;
```

#Q17 Write an SQL query to show ALL DATA in descending ORDER by Item MRP

```
select * from Grocery_Store order by Item_MRP desc;

#Q18 Write an SQL query to show ALL DATA in ascending ORDER by Item_Outlet_Sales

select * from Grocery_Store order by Item_Outlet_Sales asc;

#Q19 Write an SQL query to show ALL DATA in ascending by Item_Type

select * from Grocery_Store order by Item_Type asc;

#Q20 Write an SQL query to show DATA of item_type dairy & Meat

select * from Grocery_Store where Item_Type in ('Dairy','Meat');

#Q21 Write an SQL query to show ALL UNIQUE value of Outlet_Size

select distinct Outlet_Size from Grocery_Store;

#Q22 Write an SQL query to show ALL UNIQUE value of Outlet_Location_Type

select distinct Outlet_Location_Type from Grocery_Store;

#Q23 Write an SQL query to show ALL UNIQUE value of Outlet_Type

select distinct Outlet_Type from Grocery_Store;

#Q24 Write an SQL query to show count of number of items by Item_Type  and order it in descending order

SELECT Item_Type , count(Item_Identifier)No_Of_Item

FROM Grocery_Store

GROUP BY Item_Type

ORDER BY No_Of_Item DESC;
```

#Q25 Write an SQL query to show count of number of items by Outlet_Size and ordered it in ascending order

```
SELECT Outlet_Size , count(Item_Identifier)No_Of_Item

FROM Grocery_Store

GROUP BY Outlet_Size

ORDER BY No_Of_Item asc;
```

#Q26 Write an SQL query to show count of number of items by Outlet_Type and ordered it in descending order.

```
SELECT Outlet_Type , count(Item_Identifier) No_Of_Item

FROM Grocery_Store

GROUP BY Outlet_Type

ORDER BY No_Of_Item desc;
```

#Q27 Write an SQL query to show count of items by Outlet_Location_Type and order it in descending order

```
SELECT Outlet_Location_Type , count(Item_Identifier) No_Of_Item

FROM Grocery_Store

GROUP BY Outlet_Location_Type

ORDER BY No_Of_Item desc;
```

#Q28 Write an SQL query to show maximum MRP by Item_Type

```
SELECT  Item_Type, Max(Item_MRP) Max_MRP

FROM Grocery_Store

GROUP BY Item_Type;
```

#Q29 Write an SQL query to show minimum MRP by Item_Type

```
SELECT  Item_Type, min(Item_MRP)Min_MRP

FROM Grocery_Store

GROUP BY Item_Type;
```

#Q30 Write an SQL query to show minimum MRP by Outlet_Establishment_Year and order it in descending order.

```
SELECT  Outlet_Establishment_Year, min(Item_MRP) Min_MRP

FROM Grocery_Store

GROUP BY Outlet_Establishment_Year order by Min_MRP desc;
```

#Q31 Write an SQL query to show maximum MRP by Outlet_Establishment_Year and order it in descending order.

```
SELECT  Outlet_Establishment_Year, Max(Item_MRP) Max_MRP

FROM Grocery_Store

GROUP BY Outlet_Establishment_Year order by Max_MRP desc;
```

#Q32 Write an SQL query to show average MRP by Outlet_Size and order it in descending order.

```
SELECT  Outlet_Size, avg(Item_MRP) Average_MRP

FROM Grocery_Store

GROUP BY Outlet_Size order by Average_MRP desc;
```

#Q33 Write an SQL query to Average MRP by Outlet_Type and ordered in ascending order.

```
SELECT  Outlet_Type, avg(Item_MRP)Average_MRP

FROM Grocery_Store
```

```
GROUP BY Outlet_Type order by Average_MRP asc;

#Q34 Write an SQL query to show maximum MRP by Outlet_Type
SELECT  Outlet_Type, max(Item_MRP)Max_MRP
FROM Grocery_Store
GROUP BY Outlet_Type order by Max_MRP asc;

#Q35 Write an SQL query to show maximum Item_Weight by Item_Type
SELECT Item_Type , max(Item_Weight)max_weight
FROM Grocery_Store
GROUP BY Item_Type
ORDER BY max_weight DESC;

#Q36 Write an SQL query to show maximum Item_Weight by Outlet_Establishment_Year
SELECT Outlet_Establishment_Year , max(Item_Weight) max_weight
FROM Grocery_Store
GROUP BY Outlet_Establishment_Year
ORDER BY max_weight asc;

#Q37 Write an SQL query to show minimum Item_Weight by Outlet_Type
SELECT Outlet_Type , min(Item_Weight)min_weight
FROM Grocery_Store
GROUP BY Outlet_Type
ORDER BY min_weight desc;
```

#Q38 Write an SQL query to show average Item_Weight by Outlet_Location_Type and arrange it by descending order

```
SELECT Outlet_Location_Type , avg(Item_Weight) Average_weight

FROM Grocery_Store

GROUP BY Outlet_Location_Type

ORDER BY Average_weight desc;
```

#Q39 Write an SQL query to show maximum Item_Outlet_Sales by Item_Type

```
SELECT  Item_Type, Max(Item_Outlet_Sales)Max_sales

FROM Grocery_Store

GROUP BY Item_Type;
```

#Q40 Write an SQL query to show minimum Item_Outlet_Sales by Item_Type

```
SELECT  Item_Type, min(Item_Outlet_Sales)Min_sales

FROM Grocery_Store

GROUP BY Item_Type;
```

#Q41 Write an SQL query to show minimum Item_Outlet_Sales by Outlet_Establishment_Year

```
SELECT  Outlet_Establishment_Year, min(Item_Outlet_Sales) Min_sales

FROM Grocery_Store

GROUP BY Outlet_Establishment_Year order by Min_sales desc;
```

#Q42 Write an SQL query to show maximum Item_Outlet_Sales by Outlet_Establishment_Year and order it by descending order

```
SELECT  Outlet_Establishment_Year,  Max(Item_Outlet_Sales) Max_sales
```

```
FROM Grocery_Store

GROUP BY Outlet_Establishment_Year order by Max_sales desc;


#Q43 Write an SQL query to show average Item_Outlet_Sales by Outlet_Size and order it it descending order

SELECT  Outlet_Size, avg(Item_Outlet_Sales)Average_sales

FROM Grocery_Store

GROUP BY Outlet_Size order by Average_sales desc;


#Q44 Write an SQL query to show average Item_Outlet_Sales by Outlet_Type

SELECT  Outlet_Type, avg(Item_Outlet_Sales)Average_sales

FROM Grocery_Store

GROUP BY Outlet_Type order by Average_sales asc;


#Q45 Write an SQL query to show maximum Item_Outlet_Sales by Outlet_Type

SELECT  Outlet_Type, max(Item_Outlet_Sales)Max_sales

FROM Grocery_Store

GROUP BY Outlet_Type order by Max_sales asc;


#Q46 Write an SQL query to show total Item_Outlet_Sales by Item_Type

select Item_Type, sum(Item_Outlet_Sales) total_sales

from Grocery_Store

group by Item_Type

order by total_sales desc;


#Q47 Write an SQL query to show total Item_Outlet_Sales by Item_Fat_Content
```

```
select Item_Fat_Content, sum(Item_Outlet_Sales)total_sales

from Grocery_Store

group by Item_Fat_Content

order by total_sales desc;


#Q48 Write an SQL query to show maximum Item_Visibility by Item_Type

select Item_Type, Max(Item_Visibility)max_visibility

from Grocery_Store

group by Item_Type

order by max_visibility desc;


#Q49 Write an SQL query to show Minimum Item_Visibility by Item_Type

select Item_Type, Min(Item_Visibility)min_visibility

from Grocery_Store

group by Item_Type

order by min_visibility desc;


#Q50 Write an SQL query to show total Item_Outlet_Sales by Item_Type but only WHERE
Outlet_Location_Type is Tier 1

select Item_Type, sum(Item_Outlet_Sales)Total_sales

from Grocery_Store where Outlet_Location_Type = 'Tier 1'

group by Item_Type

order by Total_sales desc;


#Q51 Write an SQL query to show total Item_Outlet_Sales by Item_Type WHERE Item_Fat_Content is
ONLY Low Fat & LF
```

```
select Item_Type, sum(Item_Outlet_Sales)Total_sales

from Grocery_Store where Item_Fat_Content in ('Low Fat', 'LF')

group by Item_Type

order by Total_sales desc;
```