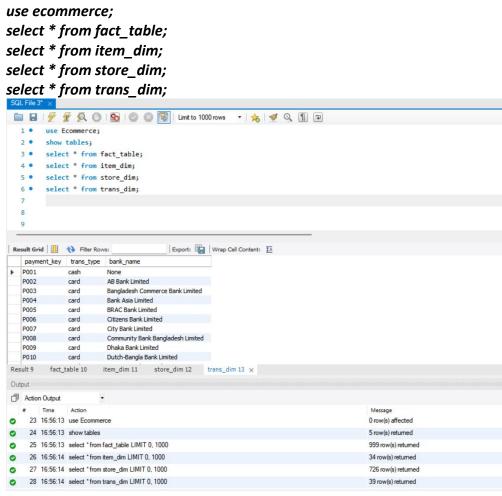
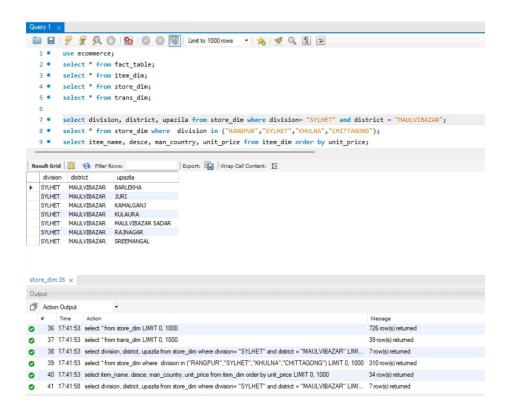
E-commerce sql queries and outputs

Using tables in E-Commerce database

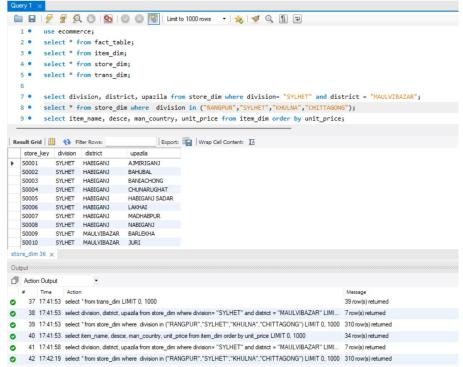


➤ Displaying the division, district, upazila from store_dim where division is SYLHET" and district MAULVIBAZAR select division, district, upazila from store_dim where division= "SYLHET" and district = "MAULVIBAZAR";

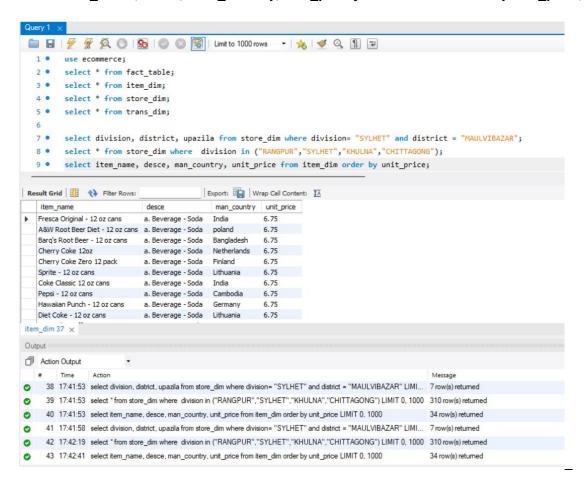


➤ Displaying information of stores only in "RANGPUR", "SYLHET", "KHULNA", "CHITTAGONG" select * from store dim where division in

("RANGPUR","SYLHET","KHULNA","CHITTAGONG");

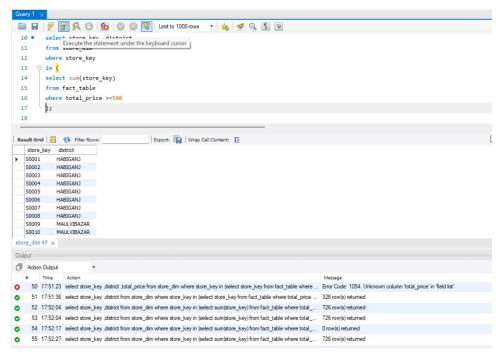


➤ Diplaying the information in the order od unit_price select item_name, desce, man_country, unit_price from item dim order by unit_price;



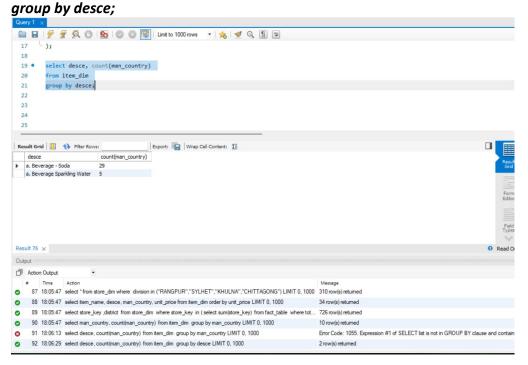
Displaying the disticts where tge total_price is above 500

```
select store_key ,district
from store_dim
where store_key
in (
select sum(store_key)
from fact_table
where total_price >=500
);
```



Displaying the count of countries based the beverages sold

select desce, count(man_country)
from item_dim

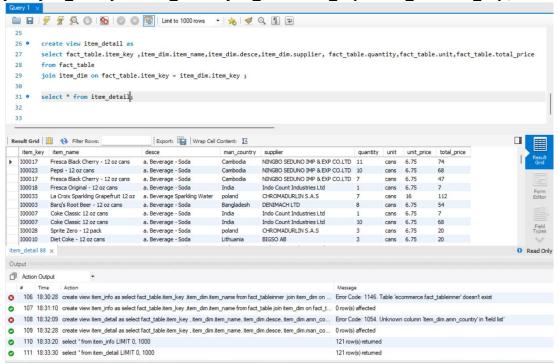


Creating a view

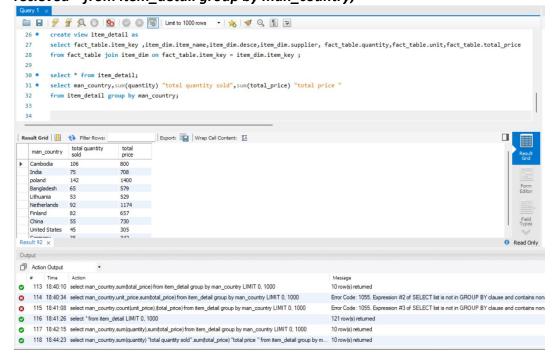
create view item detail as

select fact_table.item_key ,item_dim.item_name,item_dim.desce,item_dim.supplier, fact_table.quantity,fact_table.unit,fact_table.total_price

from fact_table join item_dim on fact_table.item_key = item_dim.item_key;



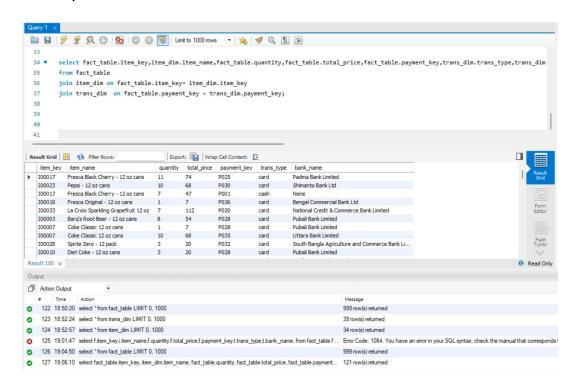
Finding the total quantity sold and the total price select man_country,sum(quantity) "total quantity sold",sum(total_price) "toatl price recieved " from item detail group by man country;



Joining 3 tables for better understanding

select

```
fact_table.item_key,item_dim.item_name,fact_table.quantity,fact_table.total_price,f
act_table.payment_key,trans_dim.trans_type,trans_dim.bank_name
from fact_table
join item_dim on fact_table.item_key= item_dim.item_key
join trans_dim on fact_table.payment_key = trans_dim.payment_key
.
```



Creating index

create INDEX idx_payment_item on fact_table(item_name(10), quantity(10));
explain
select
fact_table.item_key,item_dim.item_name,fact_table.quantity,fact_table.total_price,f
act_table.payment_key,trans_dim.trans_type,trans_dim.bank_name
from fact_table
join item_dim_on fact_table.item_key= item_dim.item_key

join trans_dim on fact_table.payment_key = trans_dim.payment_key

