1.Give the Country code from the order id column

code: SELECT SUBSTRING (ORDER\_ID,1,2) AS COUNTRY\_CODE

FROM PROJECT1.COMMERCE

2.Get the top 5 profit from sales for each city wise

Code: SELECT city, sales,profit FROM project1.commerce

groupby city,sales,profit order by desc limit 5;

3.Extract the maximum values using row number function

code: select \* from(select \* row\_number() over(order by profit desc)

as row\_num from project1.commrce) as subquery where row\_num=1;

4.remove duplicates from city , state

code: select distinct city,state from project1.commerce

5.Segment wise sales which is greater than 500

code: select segment sales from project1.commerce where sales>500;

6.Category Sales 0 - 100 as low , 101 - 500 medium , 500 - 2000 as high , > 2000 as best

code: SELECT \*,

CASE

WHEN sales BETWEEN 0 AND 100 THEN 'Low'

WHEN sales BETWEEN 101 AND 500 THEN 'Medium'

WHEN sales BETWEEN 501 AND 1000 THEN 'High'

WHEN sales > 1000 THEN 'Best'

ELSE 'Unknown'

END AS category\_sales

FROM commerce

ORDER BY

CASE

WHEN sales BETWEEN 0 AND 100 THEN 1

WHEN sales BETWEEN 101 AND 500 THEN 2

WHEN sales BETWEEN 501 AND 1000 THEN 3

WHEN sales > 1000 THEN 4

ELSE 5

END;

7.city , region wise sum of sales , profits , count of sales & profits

code: select city,region,

sum(sales) as total\_sales,

sum(profit) as total\_profit,

count(sales) as sales\_count,

count(profit) as profit\_count,

from project1.commerce

groupby city, region;

8.Select all the records belongs to region east & west with sales > 500

code: select row\_id, customer\_name, region, sales,rk from project1.commerce

where region in ('east','west') and sales>500;

9.Create rank , dense rank by city and sales

code: select srl\_no,city,sales,

rank() over(order by city, sales)as ranks,

dense\_rank() over(order by city, sales)as dense\_ranks,

from project1.commerce;