1. **Create table and insert values.**

SQL> create table company (

2 company varchar(20),

3 amt number(10),

4 city varchar(10));

Table created.

SQL> insert into company values('IBM',50000,'MUMBAI');

1 row created.

SQL> insert into company values('TCS',60000,'MUMBAI');

1 row created.

SQL> insert into company values('IBM',40000,'MUMBAI');

1 row created.

SQL> insert into company values('TCS',20000,'BANGLORE');

1 row created.

SQL> insert into company values('TCS',10000,'BANGLORE');

1 row created.

SQL> insert into company values('IBM',10000,'BANGLORE');

1 row created.

SQL> select \* from company;

COMPANY AMT CITY

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IBM 50000 MUMBAI

TCS 60000 MUMBAI

IBM 40000 MUMBAI

TCS 20000 BANGLORE

TCS 10000 BANGLORE

IBM 10000 BANGLORE

6 rows selected.

1. **Retrieve the list of highest amount in each company.**

SQL> select company,max(amt) from company GROUP BY company;

COMPANY MAX(AMT)

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IBM 50000

TCS 60000

1. **Arrange identical company in groups and display the full table.**

SQL> select \* from company ORDER BY company;

COMPANY AMT CITY

-------------------- ---------- ----------

IBM 50000 MUMBAI

IBM 40000 MUMBAI

IBM 10000 BANGLORE

TCS 20000 BANGLORE

TCS 10000 BANGLORE

TCS 60000 MUMBAI

1. **Display all the records such that the amount should be in decreasing order.**

SQL> select \* from company ORDER BY amt DESC;

COMPANY AMT CITY

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TCS 60000 MUMBAI

IBM 50000 MUMBAI

IBM 40000 MUMBAI

TCS 20000 BANGLORE

TCS 10000 BANGLORE

IBM 10000 BANGLORE

6 rows selected.

1. **List the names of company with their count.**

SQL> select company ,COUNT(company) from company GROUP BY company;

COMPANY COUNT(COMPANY)

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IBM 3

TCS 3

1. **Retrieve the company with highest amount such that amount should be greater than 50000;**

SQL> select company,max(amt) from company GROUP BY company HAVING max(amt)>50000;

COMPANY MAX(AMT)

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TCS 60000

1. **Find the total amount in each city.**

SQL> select city,sum(amt) from company GROUP BY city;

CITY SUM(AMT)

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MUMBAI 150000

BANGLORE 40000

1. **Find total amount in each city where amount should be greater than 40000.**

SQL> select city,sum(amt) from company GROUP BY city HAVING sum(amt)>40000;

CITY SUM(AMT)

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MUMBAI 150000

1. **Find minimum and maximum amount of each company;**

SQL> select company,max(amt),min(amt) from company GROUP BY company;

COMPANY MAX(AMT) MIN(AMT)

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IBM 50000 10000

TCS 60000 10000