1) What are the total number of stocks each company has?

Ans : select c.name, I.NoOfShares from Company as c, Issues as I where c.CIN=I.CIN;

2) Which shareholders own stocks of Bank of India?

Ans: select o.PanNumber from Owns as o where o.ISINCode=’ INE084A01016’;

3) What is the total commission the broker zerodha has earned on its trades?

Ans: select sum(commission) as "Total Commission" from BuysThrough where BrokerageCode='90010';

4) Count the number of dp providers each DSP has.

Ans: select count(\*) as “No. of DP Providers”,DSPId from DepositoryParticipant group by DSPId;

5) Which shareholders have Karvy as their broker?

Ans:select PanNumber from BuysThrough where BrokerageCode=’72109’;

6) List the total number of stocks each shareholder owns of any company.

Ans: select PanNumber, sum(quantity) as “Total Stocks” from Owns group by PanNumber;

7) Mention the name of the DP Provider each share holder has an account with.

Ans: select h.PanNumber, d.DPProviderName as “Name of DP Provider” from HoldsAccount as h, DepositoryParticipant as d where h.DPId=d.DPId;

8) List the stock and the pan number of the people apoorav sharma bought a stock from.

Ans: select s.ISINCode as "Stock", h.BoughtFrom as "Bought From" from Stocks as s, Has as h where s.CIN=h.CIN and h.PanNumber='MPNGN2488Z';

9) Which bank accounts do each broker have an account with?

Ans: select brokeragecode as “Broker”, IFSCCode as “Bank” from HasAccount;

10) Which broker received the maximum commission from his client?

Ans: select brokeragecode as "Broker", commission as "commission" from BuysThrough where commission in (select max(commission) from BuysThrough);

11) List the details of a transaction that occurred between the two brokers.

Ans: select b.ISINCOde as "Stock", b.brokeragecode as "Broker for Buyer", b1.brokeragecode as "Broker for Seller", b.transactionid as "Transaction Id", b.Quantity as "No. of Stocks", b.Price as "Price" from Trades b JOIN Trades b1 ON b.DebCred='Cred' AND b1.DebCred='Deb' AND b.transactionid=b1.transactionid;

12) How many shareholders does each company have?

Ans: select count(h.pannumber),c.name from Company as c, Has as h where c.cin=h.cin group by c.name;

13) Mention any brokers who are also shareholders.

Ans: select Pannumber, Brokeragecode from Shareholder where Brokeragecode<>NULL;

14)

Ans:

15)

Ans:

16)

Ans:

17)

Ans:

18)

Ans:

19)

Ans:

20)

Ans: