

Prac 3 - DS362/562 Results expected from queries

3)

(a) For each client, get the client's name, and the list of the client's investments with stock name, current price, last dividend and earnings per share.

NAME	STKNAME	STOCK.CPRICE	STOCK.DIVIDEND	STOCK.EPS
Jill Brody	FORD	40	2	8.5
Jill Brody	GM	60	2.5	9.2
Jill Brody	INTEL	76.5	5	12.4
John Smith	BHP	10.5	1.5	3.2
John Smith	IBM	70	4.25	10
John Smith	INFOSYS	45	3	7.8

(b) Get the list of all clients and their share investments, showing the client name, and for each stock held by the client, the name of the stock, total number of shares held, and the average purchase price paid by the client for the stock. Average price is the total purchase value paid by a client for a given stock (value=qty*price) divided by the total quantity held by the client.

NAME	STOCK.CNAME	TOTQTY	AVGPRICE
Jill Brody	GM	500	55.5
Jill Brody	FORD	300	40
Jill Brody	INTEL	900	49
John Smith	BHP	3000	11
John Smith	IBM	1700	62.94
John Smith	INFOSYS	1000	64

(c) For each stock traded in New York, find the quantity held by each client, and its current value (value=qty*price). Display stock (company) name, client name, number of shares held, and the current value of the shares.

NAME	STOCK.CNAME	TOTQTY	CURRVAL
Jill Brody	GM	500	30000
Jill Brody	FORD	300	12000
Jill Brody	INTEL	900	68850
John Smith	BHP	3000	31500
John Smith	IBM	1700	119000
John Smith	INFOSYS	1000	45000

(d) Find the total purchase value of investments for all clients. Display client name and total purchase value of the client's portfolio.

NAME	PVALUE
Jill Brody	83850
John Smith	204000

(e) For each client, list the book profit (or loss) on the total share investment. Book profit is the total value of all stocks based on the current prices less the total amount paid for purchasing them

NAME	PROFIT
Jill Brody	27000
John Smith	-8500