

Prac 1 - DBMSIII 311 Results expected from queries

- (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	COMPANY	PRICE	DIVIDEND	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

6 rows selected.

- (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	COMPANY	TOTAL_QTY	APP
Jill Brody	FORD	300	40
Jill Brody	GM	500	55.5
Jill Brody	INTEL	900	49
John Smith	BHP	3000	11
John Smith	IBM	1700	62.9411765
John Smith	INFOSYS	1000	64

6 rows selected.

- (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.

COMPANY NAME		TOT_QTY	CURRENT_VALUE
BHP	John Smith	3000	31500
FORD	Jill Brody	300	12000
GM	Jill Brody	500	30000
IBM	John Smith	1700	119000
INFOSYS	John Smith	1000	45000
INTEL	Jill Brody	900	68850

6 rows selected.

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

NAME	TOTAL_PPRICE
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	BOOK_PROFIT
Jill Brody	27000
John Smith	-8500