

Laboratory Worksheet 1

01)

)

)

)

d) create table purchase (
 cno : char(3),

```

company : char(7),
pdate : date ,
qty : number (6),
price : number (6,2) ,
constraint purchase_pk PRIMARY KEY (clno, company,pdate,
constraint purchase_ company_fk FORINGN KEY(clno) )
REFERENCES client,
constraint purchase_ company_fk2 FORINGN KEY(company)
REFERENCES stock
)

```

02) Insert into client values ('200' , 'John Smith' , '3 East Av Bentley WA 6102');

Insert into client values ('201' , 'Jill Brody ' , '42 Bent St Perth WA 6001 ');

Insert into stock values ('BHP', 10.50 , 1.50 , 3.20);

Insert into trading values ('BHP' , 'Sydney');

Insert into purchase values('100' , 'BHP', '02-OCT-2001', 1000, 12.00);

03)

a). select distinct c.name , p.company , s.price , s. dividend , s.eps
from client c ,purchase p , stock s
where c.clno = p.clno and p.company = s.company

b) select c.name , p.company , sum(qty) ,
(sum [qty * price]/sum [qty]) as "Average Price "
From client c , purchase p
Where c.clno = p.clno GROUP BY c.name , p.company ;

OR

Select c.name , p.company , sum(p.qty) total_qty ,
Sum(p.qty* p.price)/sum(p.qty) App
From client c , purchase p
Where c.clno = p.clno
group by c.name , p.company

c) select c.name , p.company , sum(p.qty) total_qty,
sum(p.qty * s.price) current_value
from client c , purchase p , stock s , trading t
where c.clno = p.clno and p.company = s.company and
s.company = t.company and
t.exchange = "New York "
group by c.name , p.company

e) sum (p.qty *)s.price – p.price)) book_pro