SQL> create table product(product\_id int primary key,p\_name varchar(50),supplier\_id number(10),category\_id number(20),price number(20));

Table created.

SQL> insert into product values(&product\_id,'&p\_name',&supplier\_id,&category\_id,&price);

Enter value for product\_id: 1

Enter value for p\_name: chai

Enter value for supplier\_id: 1

Enter value for category\_id: 1

Enter value for price: 18

old 1: insert into product values(&product\_id,'&p\_name',&supplier\_id,&category\_id,&price)

new 1: insert into product values(1,'chai',1,1,18)

1 row created.

SQL> /

Enter value for product\_id: 2

Enter value for p\_name: chang

Enter value for supplier\_id: 1

Enter value for category\_id: 1

Enter value for price: 19

old 1: insert into product values(&product\_id,'&p\_name',&supplier\_id,&category\_id,&price)

new 1: insert into product values(2,'chang',1,1,19)

1 row created.

SQL> /

Enter value for product\_id: 3

Enter value for p\_name: Aniseed syrup

Enter value for supplier\_id: 1

Enter value for category\_id: 2

Enter value for price: 10

old 1: insert into product values(&product\_id,'&p\_name',&supplier\_id,&category\_id,&price)

new 1: insert into product values(3,'Aniseed syrup',1,2,10)

1 row created.

SQL> /

Enter value for product\_id: 4

Enter value for p\_name: cajun seasoning

Enter value for supplier\_id: 2

Enter value for category\_id: 2

Enter value for price: 22

old 1: insert into product values(&product\_id,'&p\_name',&supplier\_id,&category\_id,&price)

new 1: insert into product values(4,'cajun seasoning',2,2,22)

1 row created.

SQL> /

Enter value for product\_id: 5

Enter value for p\_name: Gumbo mix

Enter value for supplier\_id: 2

Enter value for category\_id: 2

Enter value for price: 21.35

old 1: insert into product values(&product\_id,'&p\_name',&supplier\_id,&category\_id,&price)

new 1: insert into product values(5,'Gumbo mix',2,2,21.35)

1 row created.

SQL> select \* from product;

PRODUCT\_ID P\_NAME SUPPLIER\_ID

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

CATEGORY\_ID PRICE

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

1 chai 1

1 18

2 chang 1

1 19

3 Aniseed syrup 1

2 10

PRODUCT\_ID P\_NAME SUPPLIER\_ID

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

CATEGORY\_ID PRICE

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

4 cajun seasoning 2

2 22

5 Gumbo mix 2

2 21

SQL> select max(price),min(price) from product where supplier\_id=1;

MAX(PRICE) MIN(PRICE)

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

19 10

SQL> select count(product\_id) from product where category\_id=1;

COUNT(PRODUCT\_ID)

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

2

SQL> select count(product\_id) from product where price>20;

COUNT(PRODUCT\_ID)

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

2

SQL> select sum(price) from product where supplier\_id=1;

SUM(PRICE)

----------

47

SQL> select avg(price) from product;

AVG(PRICE)

----------

18

SQL> select avg(price) from product where category\_id = 1;

AVG(PRICE)

----------

18.5

SQL> select \* from product where price>(select avg(price) from product);

PRODUCT\_ID P\_NAME SUPPLIER\_ID

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

CATEGORY\_ID PRICE

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

2 chang 1

1 19

4 cajun seasoning 2

2 22

5 Gumbo mix 2

2 21

SQL> select p\_name from product where price>(select avg(price) from product);

P\_NAME

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

chang

cajun seasoning

Gumbo mix