

SQL\*Plus: Release 10.2.0.1.0 - Production on Thu Feb 29 11:50:29 2024

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SQL> connect system

Enter password:

Connected.

SQL> create table product(productid int,productname varchar(20),supplierid int,categoryid int,unit int,price float);

Table created.

SQL> insert into product values(&productid,&productname,&supplierid,&categoryid,&unit,&price);

Enter value for productid: 1

Enter value for productname: Chais

Enter value for supplierid: 1

Enter value for categoryid: 1

Enter value for unit: 10

Enter value for price: 18

old 1: insert into product  
values(&productid,&productname,&supplierid,&categoryid,&unit,&price)

new 1: insert into product values(1,'Chais',1,1,10,18)

1 row created.

SQL> /

Enter value for productid: 2

Enter value for productname: Chang

Enter value for supplierid: 1

Enter value for categoryid: 1

Enter value for unit: 24

Enter value for price: 19

old 1: insert into product  
values(&productid, '&productname', &supplierid, &categoryid, &unit, &price)

new 1: insert into product values(2, 'Chang', 1, 1, 24, 19)

1 row created.

SQL> /

Enter value for productid: 3

Enter value for productname: Aniseed Syrup

Enter value for supplierid: 1

Enter value for categoryid: 2

Enter value for unit: 12

Enter value for price: 10

old 1: insert into product  
values(&productid, '&productname', &supplierid, &categoryid, &unit, &price)

new 1: insert into product values(3, 'Aniseed Syrup', 1, 2, 12, 10)

1 row created.

SQL> /

Enter value for productid: 4

Enter value for productname: Cajun Seasoning

Enter value for supplierid: 2

Enter value for categoryid: 2

Enter value for unit: 48

Enter value for price: 22

old 1: insert into product  
values(&productid, '&productname', &supplierid, &categoryid, &unit, &price)

new 1: insert into product values(4, 'Cajun Seasoning', 2, 2, 48, 22)

1 row created.

SQL> /

Enter value for productid: 5

Enter value for productname: Gunbo Mix

Enter value for supplierid: 2

Enter value for categoryid: 2

Enter value for unit: 36

Enter value for price: 21.35

old 1: insert into product

values(&productid,'&productname',&supplierid,&categoryid,&unit,&price)

new 1: insert into product values(5,'Gunbo Mix',2,2,36,21.35)

1 row created.

SQL> select \* from product;

PRODUCTID	PRODUCTNAME	SUPPLIERID	CATEGORYID	UNIT	PRICE
1	Chais	1	1	10	18
2	Chang	1	1	24	19
3	Aniseed Syrup	1	2	12	10
4	Cajun Seasoning	2	2	48	22
5	Gunbo Mix	2	2	36	21.35

SQL> select max(price),min(price) from product where supplierid=2;

MAX(PRICE) MIN(PRICE)

-----  
22 21.35

```
SQL> select max(price) from product where supplierid=2;
```

```
MAX(PRICE)
```

```
-----
```

```
22
```

```
SQL> select min(price) from product where supplierid=2;
```

```
MIN(PRICE)
```

```
-----
```

```
21.35
```

```
SQL> select count(productname) from product where categoryid=1;
```

```
COUNT(PRODUCTNAME)
```

```
-----
```

```
2
```

```
SQL> select count(productname) from product where price>20;
```

```
COUNT(PRODUCTNAME)
```

```
-----
```

```
2
```

```
SQL> select sum(price) from product where supplierid=1;
```

```
SUM(PRICE)
```

```
-----
```

```
47
```

```
SQL> select avg(price) from product;
```

AVG(PRICE)

-----

18.07

```
SQL> select avg(price) from product where categoryid=1;
```

AVG(PRICE)

-----

18.5

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

PRODUCTID	PRODUCTNAME	SUPPLIERID	CATEGORYID	UNIT	PRICE
2	Chang	1	1	24	19
4	Cajun Seasoning	2	2	48	22
5	Gunbo Mix	2	2	36	21.35

```
SQL> select productname from product where price>(select avg(price) from product);
```

PRODUCTNAME

-----

Chang

Cajun Seasoning

Gunbo Mix

```
SQL>
```