connect system

Enter password:

Connected.

SQL> SELECT \* FROM SAILOR

2 SELECT \* FROM SAILOR;

SELECT \* FROM SAILOR

\*

ERROR at line 2:

ORA-00933: SQL command not properly ended

SQL> SELECT \* FROM SAILOR;

SID SNAME RATING AGE

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

22 Dustin 7 45

29 Brutus 1 33

31 Lubber 8 56

32 andy 8 26

58 Rusty 10 35

64 Horatio 7 35

71 Zorba 10 16

74 Horatio 9 35

85 Art 3 26

95 Bob 3 64

10 rows selected.

SQL> select \* from boat;

BID BNAME COLOR

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

101 Interlake blue

102 Interlake red

103 Clipper green

104 Marine red

SQL> select \* from reserve;

SID BID DAY

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

22 101 10/10/98

22 102 10/10/98

22 103 10/8/98

22 104 10/7/98

31 102 11/10/98

31 103 11/6/98

31 104 11/12/98

64 101 9/5/98

64 102 9/8/98

74 103 9/8/98

10 rows selected.

SQL> select sname,age from sailor where age=(select min(age) from sailor);

SNAME AGE

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

Zorba 16

SQL> select rating,avg(age) from sailor group by rating;

RATING AVG(AGE)

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

1 33

8 41

7 40

3 45

10 25.5

9 35

6 rows selected.

SQL> select count(distinct sname)from sailor;

COUNT(DISTINCTSNAME)

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

9

SQL> select avg(age) from sailor;

AVG(AGE)

----------

37.1

SQL> select sname from sailor where bid in (select bid from reserve where bid=103);

select sname from sailor where bid in (select bid from reserve where bid=103)

\*

ERROR at line 1:

ORA-00904: "BID": invalid identifier

SQL> select sname from sailor where bid in (select bid from reserve where bid='103');

select sname from sailor where bid in (select bid from reserve where bid='103')

\*

ERROR at line 1:

ORA-00904: "BID": invalid identifier

SQL> select sname from sailor,reserve where bid in (select bid from reserve where bid='103');

SNAME

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

Dustin

Brutus

Lubber

andy

Rusty

Horatio

Zorba

Horatio

Art

Bob

Dustin

SNAME

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

Brutus

Lubber

andy

Rusty

Horatio

Zorba

Horatio

Art

Bob

Dustin

Brutus

SNAME

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

Lubber

andy

Rusty

Horatio

Zorba

Horatio

Art

Bob

30 rows selected.

SQL> select sname from sailor,reserve where sid in (select bid from reserve where bid='103');

select sname from sailor,reserve where sid in (select bid from reserve where bid='103')

\*

ERROR at line 1:

ORA-00918: column ambiguously defined

SQL> select sname from sailor where sid in (select bid from reserve where bid='103');

no rows selected

SQL> select sname from sailor where sid in (select sid from reserve where bid='103');

SNAME

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

Dustin

Lubber

Horatio

SQL> select sname,age from sailor where age in (select min(age) from sailor );

SNAME AGE

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

Zorba 16

SQL> select sname from sailor where sid in (select distinct(bid) from reserve);

no rows selected

SQL> select sname from sailor where sid in (select distinct(sid) from reserve where sid in (select bid from boat));

no rows selected

SQL> select sname from sailor where sid in (select distinct(sid) from reserve where sid in (select all(bid) from boat));

no rows selected

SQL> select sname from sailor where sid in (select distinct(sid) from reserve );

SNAME

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

Dustin

Lubber

Horatio

Horatio

SQL> select sname from sailor where sid in (select distinct(sid) from reserve where bid in(select all(bid) from boat));

SNAME

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

Dustin

Lubber

Horatio

Horatio

SQL> select sname from sailor where sid in (select distinct(sid) from reserve where bid notin(select all(bid) from boat));

select sname from sailor where sid in (select distinct(sid) from reserve where bid notin(select all(bid) from boat))

\*

ERROR at line 1:

ORA-00920: invalid relational operator

SQL> select sname from sailor where sid in (select distinct(sid) from reserve where bid not in(select all(bid) from boat));

no rows selected

SQL> select sname from sailor where sid in (select distinct(sid) from reserve where bid any(select all(bid) from boat));

select sname from sailor where sid in (select distinct(sid) from reserve where bid any(select all(bid) from boat))

\*

ERROR at line 1:

ORA-00920: invalid relational operator

SQL> select sname from sailor where sid in (select distinct(sid) from reserve where bid in(select any(bid) from boat));

select sname from sailor where sid in (select distinct(sid) from reserve where bid in(select any(bid) from boat))

\*

ERROR at line 1:

ORA-00936: missing expression

SQL> select sname from sailor where sid in (select distinct(sid) from reserve where bid in(select any(bid) from boat));

select sname from sailor where sid in (select distinct(sid) from reserve where bid in(select any(bid) from boat))

\*

ERROR at line 1:

ORA-00936: missing expression

SQL> select sname from sailor where sid in (select distinct(sid) from reserve where bid in(select all(bid) from boat));

SNAME

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

Dustin

Lubber

Horatio

Horatio

SQL> select sname from sailor where distinct(sid) in (select distinct(sid) from reserve where bid in(select all(bid) from boat));

select sname from sailor where distinct(sid) in (select distinct(sid) from reserve where bid in(select all(bid) from boat))

\*

ERROR at line 1:

ORA-00936: missing expression

SQL> select sname from sailor where distinct(sid) in (select sid from reserve where bid in(select all(bid) from boat));

select sname from sailor where distinct(sid) in (select sid from reserve where bid in(select all(bid) from boat))

\*

ERROR at line 1:

ORA-00936: missing expression

SQL> select sname from sailor where distinct(sid) in (select sid from reserve where bid=(select all(bid) from boat));

select sname from sailor where distinct(sid) in (select sid from reserve where bid=(select all(bid) from boat))

\*

ERROR at line 1:

ORA-00936: missing expression

SQL> select sname from sailor where distinct(sid) in (select distinct(sid) from reserve where bid in(select all(bid) from boat));

select sname from sailor where distinct(sid) in (select distinct(sid) from reserve where bid in(select all(bid) from boat))

\*

ERROR at line 1:

ORA-00936: missing expression

SQL> select distinct(sid) from reserve where bid in(select all(bid) from boat);

SID

----------

22

31

74

64

SQL> select distinct(sid) from reserve where bid not in(select all(bid) from boat);

no rows selected

SQL> select distinct(sid) from reserve where bid not in(select any(bid) from boat);

select distinct(sid) from reserve where bid not in(select any(bid) from boat)

\*

ERROR at line 1:

ORA-00936: missing expression

SQL> select distinct(sid) from reserve where bid any(select all(bid) from boat);

select distinct(sid) from reserve where bid any(select all(bid) from boat)

\*

ERROR at line 1:

ORA-00920: invalid relational operator

SQL> select sname from sailor where sid in (select distinct(sid) from reserve where bid in(select all(bid) from boat));

SNAME

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

Dustin

Lubber

Horatio

Horatio

SQL> select sname from sailor where sid any(select distinct(sid) from reserve where bid in(select all(bid) from boat));

select sname from sailor where sid any(select distinct(sid) from reserve where bid in(select all(bid) from boat))

\*

ERROR at line 1:

ORA-00920: invalid relational operator

SQL> select sname from sailor where sid not in (select distinct(sid) from reserve where bid in(select all(bid) from boat));

SNAME

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

Brutus

andy

Rusty

Zorba

Art

Bob

6 rows selected.

SQL> select sname from sailor where sid not in (select sid from reserve where bid in(select all(bid) from boat));

SNAME

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

Brutus

andy

Rusty

Zorba

Art

Bob

6 rows selected.

SQL> select sname from sailor where sid in (select sid from reserve where bid in(select all(bid) from boat));

SNAME

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

Dustin

Lubber

Horatio

Horatio

SQL> select distinct(sid) from reserve where bid any(select all(bid) from boat);

select distinct(sid) from reserve where bid any(select all(bid) from boat)

\*

ERROR at line 1:

ORA-00920: invalid relational operator

SQL> select distinct(sid) from reserve where bid in(select all(bid) from boat);

SID

----------

22

31

74

64

SQL> select distinct(sid) from reserve where bid in(select all(bid) from boat);

SID

----------

22

31

74

64

SQL> select distinct(sid) from reserve where bid not in(select all(bid) from boat);

no rows selected

SQL> select distinct(sid) from reserve where bid in(select all(bid) from boat) intersect select distinct(sid) from reserve;

SID

----------

22

31

64

74