

SQL*Plus: Release 21.0.0.0.0 - Production on Fri Dec 12 12:06:14 2025
Version 21.3.0.0.0

Copyright (c) 1982, 2021, Oracle. All rights reserved.

Enter user-name: user1/pass1

Last Successful login time: Fri Dec 12 2025 11:52:53 +05:30

Connected to:

Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production

Version 21.3.0.0.0

SQL> Select * from tab;

TNAME

TABTYPE CLUSTERID

FOOTBALL
TABLE

BIN\$xHIN970CSWCi6v1qAiSrrw==\$0
TABLE

CRICKETERS
TABLE

TNAME

TABTYPE CLUSTERID

PRODUCT
TABLE

BIN\$sw8ZZD1JS+CwDjBI7yZ91Q==\$0
TABLE

EMPLOYEES
TABLE

TNAME

TABTYPE CLUSTERID

BIN\$hX4/d40ASiCDF+DY0M47Rg==\$0
TABLE

BIN\$XuURaliBRrSt8EDEmxARQA==\$0
TABLE

CUBOID
TABLE

TNAME

TABTYPE CLUSTERID

MATHS
TABLE

BIN\$9St92vSPQDOHwyKfMFa7sQ==\$0
TABLE

BIN\$/vd/e984Qx+HjNfDR6/RIw==\$0
TABLE

TNAME

TABTYPE CLUSTERID

CUSTOMERS
TABLE

13 rows selected.

SQL> create table student(rollno number primary key ,name varchar(15),marks
number,grade varchar2(20));

Table created.

SQL> desc student;

Name	Null?	Type
-----	-----	-----
ROLLNO	NOT NULL	NUMBER
NAME		VARCHAR2(15)
MARKS		NUMBER
GRADE		VARCHAR2(20)

SQL> desc student;

Name	Null?	Type
-----	-----	-----
ROLLNO	NOT NULL	NUMBER
NAME		VARCHAR2(15)
MARKS		NUMBER

GRADE

VARCHAR2(20)

```
SQL> Select * from student;
```

no rows selected

```
SQL> edit
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql
```

```
SQL> @
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql
      fetch sname,mark into studdata;
      *
```

ERROR at line 10:

ORA-06550: line 10, column 14:

PLS-00103: Encountered the symbol "," when expecting one of the following:
. into bulk

The symbol "." was inserted before "," to continue.

ORA-06550: line 13, column 28:

PLS-00103: Encountered the symbol ";" when expecting one of the following:
* & - + / at mod remainder rem then <an exponent (**)> and or
|| multiset

The symbol ";" was ignored.

ORA-06550: line 24, column 65:

PLS-00103: Encountered the symbol "is" when expecting one of the following:
. () , * @ % & | = - + < / > at in is mod remainder not null

rem returning with => .. <an exponent (**)> <> or != or ~= >=

<= <> and or default like like2 like4 likec as between error

from using || member empty submultiset lax strict without

pretty ascii true false absent format allow truncate

The symbol "(" was substituted for "is" to continue.

ORA-06550: line 24, column 88:

PLS-00103: Encountered the symbol ";" when expecting one of the following:
. () , * % & | = - + < / > at in is mod remainder not null

rem returning with => .. <an exponent (**)> <> or != or ~= >=

<= <> and or default like like2 like4 likec as between error

from using || member empty submultiset lax strict without

pretty ascii true false absent format allow truncate

The symbol ")" was substituted for ";" to continue.

ORA-06550: line 25, column 69:

PLS-00103: Encountered the symbol "is" when expecting one of the following:
. () , * @ % & | = - + < / > at in is mod remainder not null

rem returning with => .. <an exponent (**)> <> or != or ~= >=

<= <> and or default like like2 like4 likec as between error

from using || member empty submultiset lax strict without

pretty ascii true false absent format allow truncate

The symbol "(" was substituted for "is" to continue.

ORA-06550: line 25, column 84:

```
PLS-00103: Encountered the symbol ";" when expecting one of the following:
. ( ) , * % & | = - + < / > at in is mod remainder not null
rem returning with => .. <an exponent (**)> <> or != or ~= >=
<= <> a
```

```
SQL> edit
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql
```

```
SQL> @
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql
```

```
if marks>=0 and marks<=40;
*
```

```
ERROR at line 13:
```

```
ORA-06550: line 13, column 28:
```

```
PLS-00103: Encountered the symbol ";" when expecting one of the following:
```

```
* & - + / at mod remainder rem then <an exponent (**)> and or
```

```
|| multiset
```

```
The symbol ";" was ignored.
```

```
ORA-06550: line 24, column 65:
```

```
PLS-00103: Encountered the symbol "is" when expecting one of the following:
```

```
. ( ) , * @ % & | = - + < / > at in is mod remainder not null
```

```
rem returning with => .. <an exponent (**)> <> or != or ~= >=
```

```
<= <> and or default like like2 like4 likec as between error
```

```
from using || member empty submultiset lax strict without
```

```
pretty ascii true false absent format allow truncate
```

```
The symbol "(" was substituted for "is" to continue.
```

```
ORA-06550: line 24, column 88:
```

```
PLS-00103: Encountered the symbol ";" when expecting one of the following:
```

```
. ( ) , * % & | = - + < / > at in is mod remainder not null
```

```
rem returning with => .. <an exponent (**)> <> or != or ~= >=
```

```
<= <> and or default like like2 like4 likec as between error
```

```
from using || member empty submultiset lax strict without
```

```
pretty ascii true false absent format allow truncate
```

```
The symbol ")" was substituted for ";" to continue.
```

```
ORA-06550: line 25, column 69:
```

```
PLS-00103: Encountered the symbol "is" when expecting one of the following:
```

```
. ( ) , * @ % & | = - + < / > at in is mod remainder not null
```

```
rem returning with => .. <an exponent (**)> <> or != or ~= >=
```

```
<= <> and or default like like2 like4 likec as between error
```

```
from using || member empty submultiset lax strict without
```

```
pretty ascii true false absent format allow truncate
```

```
The symbol "(" was substituted for "is" to continue.
```

```
ORA-06550: line 25, column 84:
```

```
PLS-00103: Encountered the symbol ";" when expecting one of the following:
```

```
. ( ) , * % & | = - + < / > at in is mod remainder not null
```

```
rem returning with => .. <an exponent (**)> <> or != or ~= >=
```

```
<= <> and or default like like2 like4 likec as between error
```

```
from using || member empty submultiset lax strict without
pretty ascii true false absent format allow truncate
Th
```

```
SQL> edit
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql
```

```
SQL> @
```

```
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql
```

```
        dbms_output.put_line('The marks obtained by ' || studdata.name 'is' ||
studdata.marks);
```

*

```
ERROR at line 24:
```

```
ORA-06550: line 24, column 65:
```

```
PLS-00103: Encountered the symbol "is" when expecting one of the following:
```

```
. ( ) , * @ % & | = - + < / > at in is mod remainder not null
rem returning with => .. <an exponent (**)> <> or != or ~= >=
<= <> and or default like like2 like4 likec as between error
from using || member empty submultiset lax strict without
pretty ascii true false absent format allow truncate
The symbol "(" was substituted for "is" to continue.
```

```
ORA-06550: line 24, column 88:
```

```
PLS-00103: Encountered the symbol ";" when expecting one of the following:
```

```
. ( ) , * % & | = - + < / > at in is mod remainder not null
rem returning with => .. <an exponent (**)> <> or != or ~= >=
<= <> and or default like like2 like4 likec as between error
from using || member empty submultiset lax strict without
pretty ascii true false absent format allow truncate
The symbol ")" was substituted for ";" to continue.
```

```
ORA-06550: line 25, column 69:
```

```
PLS-00103: Encountered the symbol "is" when expecting one of the following:
```

```
. ( ) , * @ % & | = - + < / > at in is mod remainder not null
rem returning with => .. <an exponent (**)> <> or != or ~= >=
<= <> and or default like like2 like4 likec as between error
from using || member empty submultiset lax strict without
pretty ascii true false absent format allow truncate
The symbol "(" was substituted for "is" to continue.
```

```
ORA-06550: line 25, column 84:
```

```
PLS-00103: Encountered the symbol ";" when expecting one of the following:
```

```
. ( ) , * % & | = - + < / > at in is mod remainder not null
rem returning with => .. <an exponent (**)> <> or != or ~= >=
<= <> and or default like like2 like4 likec as between error
from using || member empty submultiset lax strict without
pretty ascii true false absent format allow truncate
The symbol ")" was substituted for ";" to continue.
```

```
SQL> edit
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql
```

```
SQL> @
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql
        dbms_output.put_line('The marks obtained by ' || studdata.name 'is' ||
studdata.marks);
```

*

```
ERROR at line 24:
ORA-06550: line 24, column 65:
PLS-00103: Encountered the symbol "is" when expecting one of the following:
. ( ) , * @ % & | = - + < / > at in is mod remainder not null
rem returning with => .. <an exponent (**)> <> or != or ~= >=
<= <> and or default like like2 like4 likec as between error
from using || member empty submultiset lax strict without
pretty ascii true false absent format allow truncate
The symbol "(" was substituted for "is" to continue.
ORA-06550: line 24, column 88:
PLS-00103: Encountered the symbol ";" when expecting one of the following:
. ( ) , * % & | = - + < / > at in is mod remainder not null
rem returning with => .. <an exponent (**)> <> or != or ~= >=
<= <> and or default like like2 like4 likec as between error
from using || member empty submultiset lax strict without
pretty ascii true false absent format allow truncate
The symbol ")" was substituted for ";" to continue.
```

```
SQL> edit
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql
```

```
SQL> @
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql
        if marks>=0 and marks<=40
        *
```

```
ERROR at line 13:
ORA-06550: line 13, column 6:
PLS-00201: identifier 'MARKS' must be declared
ORA-06550: line 13, column 3:
PL/SQL: Statement ignored
```

```
SQL> edit
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql
```

```
SQL> @
```

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql

PL/SQL procedure successfully completed.

SQL> set serveroutput on ;

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql

The name of the student is :

The marks obtained by is

The grade provide foris

PL/SQL procedure successfully completed.

SQL> Select * from student1

2 Select * from student1

3 @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql

Select * from student1

*

ERROR at line 2:

ORA-00933: SQL command not properly ended

SP2-0734: unknown command beginning "sname stud..." - rest of line ignored.

SP2-0734: unknown command beginning "mark stude..." - rest of line ignored.

SP2-0042: unknown command "grade char" - rest of line ignored.

SP2-0734: unknown command beginning "studdata c..." - rest of line ignored.

SP2-0044: For a list of known commands enter HELP

and to leave enter EXIT.

open c1;

*

ERROR at line 2:

ORA-06550: line 2, column 7:

PLS-00201: identifier 'C1' must be declared

ORA-06550: line 2, column 2:

PL/SQL: SQL Statement ignored

ORA-06550: line 4, column 9:

PLS-00201: identifier 'C1' must be declared

ORA-06550: line 4, column 3:

PL/SQL: SQL Statement ignored

ORA-06550: line 5, column 13:

PLS-00201: identifier 'C1' must be declared

ORA-06550: line 5, column 3:

PL/SQL: Statement ignored

ORA-06550: line 6, column 26:

PLS-00201: identifier 'SNAME' must be declared

ORA-06550: line 6, column 37:

```

PL/SQL: ORA-00904: : invalid identifier
ORA-06550: line 6, column 3:
PL/SQL: SQL Statement ignored
ORA-06550: line 7, column 6:
PLS-00201: identifier 'MARK' must be declared
ORA-06550: line 7, column 3:
PL/SQL: Statement ignored
ORA-06550: line 17, column 57:
PLS-00201: identifier 'STUDDATA.NAME' must be declared
ORA-06550: line 17, column 2:
PL/SQL: Statement ignored
ORA-06550: line 18, column 51:
PLS-00201: identifier 'STUDDATA.NAME' must be declared
ORA-06550: line 18, column 2:
PL/SQL: Statement ignored
ORA-06550: line 19, column 50:
PLS-00201: identifier 'STUDDATA.NAME' must be declared
ORA-06550: line 19, column 2:
PL/SQL: Statement ignored
ORA-06550: line 20, column 8:
PLS-00201: identifier 'C1' must be declared
ORA-06550: line 20, column 2:
PL/SQL: SQL Statement ignored

```

```

SQL>
SQL> @
C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql
The name of the student is :
The marks obtained by is
The grade provide foris

```

PL/SQL procedure successfully completed.

```
SQL> Select * from student;
```

no rows selected

```
SQL> desc student1
```

ERROR:

ORA-04043: object student1 does not exist

```
SQL> desc student;
```

Name	Null?	Type
ROLLNO	NOT NULL	NUMBER
NAME		VARCHAR2(15)
MARKS		NUMBER

GRADE VARCHAR2(20)

SQL> insert into student values (1,'aayush',89,null);

1 row created.

SQL> Select * from student;

ROLLNO	NAME	MARKS	GRADE
1	aayush	89	

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql

The name of the student is :aayush

The marks obtained by aayushis89

The grade provide foraayushisA

PL/SQL procedure successfully completed.

SQL> Select * from student;

ROLLNO	NAME	MARKS	GRADE
1	aayush	89	

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql

update student set grade = grade where where name = studdata.name;
*

ERROR at line 26:

ORA-06550: line 26, column 41:

PL/SQL: ORA-00936: missing expression

ORA-06550: line 26, column 2:

PL/SQL: SQL Statement ignored

SQL> edit

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql

The name of the student is : aayush
The marks obtained by aayushis89
The grade provide for aayushis A

PL/SQL procedure successfully completed.

SQL> SElect * from student;

ROLLNO	NAME	MARKS	GRADE
1	aayush	89	

SQL> @

C:\Users\Ayush\OneDrive\Desktop\DATA_SCIENTIST\ORACLE_AND_MONGODB\ASSIGNMENTS\PL_SQL\CURSOR\student1.sql

The name of the student is : aayush
The marks obtained by aayushis89
The grade provide for aayushis A

PL/SQL procedure successfully completed.

SQL> Select * from student;

ROLLNO	NAME	MARKS	GRADE
1	aayush	89	

SQL>