EXP NO: 09	Introduction to
DATA: 18/04/2022	PL/SQL codes
DATA. 16/04/2022	,

Aim: Implement the given PL/SQL codes in SQL.

Description about the problem:

- Create a table and add items in the table
- Get the data for specific conditions
- Implement Maximum code
- Compare the values of variables and print the maximum variable

Queries:

```
reate table emp_grade(empno number, grade char(1))
➤ Declare Emp_rec emp%rowtype;
  Cursor c is select * into emp_rec from emp;
  Begin
  Open c;
  If c%ISOPEN then
  Loop
  Fetch c into emp_rec;
  If c%notfound then Exit; Endif;
  If emp_rec.sal <= 1400 then
  Insert into emp_grade values(emp_rec.empno,'C');
  Elsif emp_rec.sal between 1401 and 2000 then
  Insert into emp_garde values(em_rec.empno,'B');
  Else
  Insert into emp_garde values(em_rec.empno,'A');
  Endif
  End loop;
  Else
  Open c;
  Endif:
  End;
> Declare
      a number;
      b number;
      c number;
  Begin
      dbms_output.put_line('Enter a:');
```

```
a := 7;
         dbms_output.put_line('Enter b:');
         b:=10;
         dbms_output.put_line('Enter c:');
         c := 15;
         if (a>b) and (a>c) then
              dbms_output.put_line('A is Maximum');
         elsif (b>a) and (b>c) then
              dbms_output.put_line('B is Maximum');
          else
              dbms_output.put_line('C is Maximum');
          end if;
     End;
Result:
```

Successfully implemented Pl/SQL for given codes.



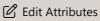








Actions ~





Name	Session 09
Description	Execute the below-given programs s1 and s2 and submit the results.
Area	-
Visibility	Publicly Shareable - available via unlisted URL
Contributor	RA1911027010007
Share Link	https://livesql.oracle.com/apex/livesql/s/neyblumul8vhtlzezaoqrannt
Tags	-
Script Results	We cannot determine the last run date for this script. What's This?
Last Updated	Friday April 29, 2022 (Created 4 minutes ago)
Metrics	6 Statements, 2,286 bytes



义 ^

```
Statement 3
```

T Edit

```
Declare
    a number;
    b number;
    c number;
Begin
    dbms_output.put_line('Enter a:');
    a:=7;
    dbms_output.put_line('Enter b:');
    b:=10;
    dbms_output.put_line('Enter c:');
    c:=15;
    if (a>b) and (a>c) then
        dbms_output.put_line('A is Maximum');
    elsif (b>a) and (b>c) then
        dbms_output.put_line('B is Maximum');
    else
        dbms_output.put_line('C is Maximum');
    end if;
End;
```

Statement processed.

Statement processed.

Enter a:

Enter b:

Enter c:

C is Maximum

Statement 4



Edit

Declare a number; b number; c number; Begin dbms_output.put_line('Enter a:'); a:=16; dbms_output.put_line('Enter b:'); b:=10; dbms_output.put_line('Enter c:'); c:=15; if (a>b) and (a>c) then dbms_output.put_line('A is Maximum'); elsif (b>a) and (b>c) then dbms_output.put_line('B is Maximum'); else dbms_output.put_line('C is Maximum'); end if; End;

Enter c:

A is Maximum

Statement 5



Edit

```
Declare Emp_rec emp%rowtype;
Cursor c is select * into emp_rec from emp;
Begin
Open c;
If c%ISOPEN then
Loop
Fetch c into emp_rec;
If c%notfound then Exit; Endif;
If emp_rec.sal <= 1400 then
Insert into emp_grade values(emp_rec.empno,'C');
Elsif emp_rec.sal between 1401 and 2000 then
Insert into emp_garde values(em_rec.empno,'B');
Else
Insert into emp_garde values(em_rec.empno,'A');
Endif
End;</pre>
```

ORA-06550: line 10, column 44: PL/SQL: ORA-01756: quoted string not properly terminated

Statement 6





```
Declare Emp_rec emp%rowtype;
Cursor c is select * into emp_rec from emp;
Begin
Open c;
If c%ISOPEN then
Loop
Fetch c into emp_rec;
If c%notfound then Exit; Endif;
If emp_rec.sal <= 1400 then
Insert into emp_grade values(emp_rec.empno,'C');
Elsif emp_rec.sal between 1401 and 2000 then
Insert into emp_garde values(em_rec.empno,'B');
Else
Insert into emp_garde values(em_rec.empno,'A');
Endif
End;</pre>
```

ORA-06550: line 16, column 1: PLS-00103: Encountered the symbol "END" when expecting one of the following: := . (@ %;

Script Update Details