

NAME : ANIRBAN HAZRA

SECTION : CSE - 16

ROLL NO. : 2005643

PROGRAM CODE :

```
declare
    l1x int:=&l1x;
    l1y int:=&l1y;
    l2x int:=&l2x;
    l2y int:=&l2y;
    r1x int:=&r1x;
    r1y int:=&r1y;
    r2x int:=&r2x;
    r2y int:=&r2y;
begin

    if l1x = r1x or l1y = r1y or l2x = r2x or l2y = r2y then
        dbms_output.put_line('Rectangles dont intersect') ;

    elsif r1y >= r2x or l2x >= r1x then
        dbms_output.put_line('Rectangles dont intersect') ;

    elsif r1y >= l2y or r2y >= l1y then
        dbms_output.put_line('Rectangles dont intersect') ;

    else
        dbms_output.put_line('Rectangles are intersecting') ;
    end if ;

end;
/
```

OUTPUT :

```
SQL> ed 2005643_PL.txt

SQL> @2005643_PL.txt
Enter value for l1x: 5
old 2: l1x int:=&l1x;
new 2: l1x int:=5;
Enter value for l1y: 6
old 3: l1y int:=&l1y;
new 3: l1y int:=6;
Enter value for l2x: 1
old 4: l2x int:=&l2x;
new 4: l2x int:=1;
Enter value for l2y: 3
old 5: l2y int:=&l2y;
new 5: l2y int:=3;
Enter value for r1x: 2
old 6: r1x int:=&r1x;
new 6: r1x int:=2;
Enter value for r1y: 4
old 7: r1y int:=&r1y;
new 7: r1y int:=4;
Enter value for r2x: 7
old 8: r2x int:=&r2x;
new 8: r2x int:=7;
Enter value for r2y: 8
old 9: r2y int:=&r2y;
new 9: r2y int:=8;
Rectangles dont intersect

PL/SQL procedure successfully completed.
```