**PL/SQL Code:**

declare

r1 number:=&r1;

a1 number(14,2);

value\_out\_of\_bounds\_exception exception;

begin

if r1>=5 and r1<=9 then

a1 := 3.14\*r1\*r1;

insert into areass values(r1,a1);

else

raise value\_out\_of\_bounds\_exception;

end if;

exception

when value\_out\_of\_bounds\_exception then

dbms\_output.put\_line('radius must be between 5 and 9.');

end;

/

**Output:**

SQL> set serverout on

SQL> @ circle assignment

Enter value for r1: 0

old 2: r1 number:=&r1;

new 2: r1 number:=0;

radius must be between 5 and 9.

PL/SQL procedure successfully completed.

SQL> @ circle assignment

Enter value for r1: 6

old 2: r1 number:=&r1;

new 2: r1 number:=6;

PL/SQL procedure successfully completed.