**Question 1:**

Variables:

1.PI -> constant number 3.14 => pi constant number := 3.1434;

2.radius -> number

3. diameter -> number

4.circumference -> number

5. area -> number.

Display Radius, Diameter, Circumference and area of circle.

**Solution:**

PI CONSTANT NUMBER := 3.141592654;

DECLARE

-- constant declaration

pi constant number := 3.141592654;

-- other declarations

radius number(10,5);

dia number(10,5);

circumference number(6,4);

area number (18,6);

BEGIN

-- processing

radius := 9.5;

dia := radius \* 2;

circumference := 2.0 \* pi \* radius;

area := pi \* radius \* radius;

-- output

dbms\_output.put\_line('Radius: ' || radius);

dbms\_output.put\_line('Diameter: ' || dia);

dbms\_output.put\_line('Circumference: ' || circumference);

dbms\_output.put\_line('Area: ' || area);

END;

**OutPut:**  
Radius: 9.5  
Diameter: 19  
Circumference: 59.6903  
Area: 283.528737

**Question:-2**declare

n number:=18;

begin

if mod(n,2)=0

then

dbms\_output.put\_line('number is even');

else

dbms\_output.put\_line('number is odd');

end if;

end;

Output:-

No is even

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