|  |
| --- |
| **ASSIGNMENT NAME :**  Write a PL/SQL code block to calculate the area of a circle for a value of radius varying from 5 to 9. Store the radius and the corresponding values of calculated area in an empty table named areas, consisting of two columns, radius and area. |

|  |
| --- |
| **Student Name : Bisu Prem Kashinath** |
| **Roll\_No : 13116** |
| **Class : TE-A** |

SET SERVEROUTPUT ON

CREATE TABLE assignment\_3b(radius NUMBER,area NUMBER)

DECLARE

radius\_var NUMBER;

area\_var NUMBER;

pi NUMBER := 3.14;

BEGIN

FOR radius\_var IN 5 .. 9 LOOP

area\_var := pi\*radius\_var\*radius\_var;

dbms\_output.put\_line(area\_var);

INSERT INTO assignment\_3b VALUES (radius\_var,area\_var);

END LOOP;

END;

/

/\* ----------------------OUTPUT-------------------------------

RADIUS AREA

---------- ----------

5 78.5

6 113.04

7 153.86

8 200.96

9 254.34

---------------------------------------------------------------/\*