

*******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. *****

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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

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