# SɅRɅSWɅTI

## Department of Computer Engineering

**College of Engineering**

### Experiment 9

###### Aim: Write PL/SQL code block to calculate the area of circle for a value of radius varying from 1 to 10. Store the radius and the corresponding values of calculated area in a table named areas (radius, area)

**Resources required:** P-IV and above, Oracle

###### Theory:

BEGIN

DECLARE pi float(5,4) DEFAULT 3.14;

DECLARE r int(5);

DECLARE a float(7,2);

SET r = 1;

WHILE r<=10 DO

SET a = pi\*r\*r;

INSERT INTO area values(r,a);

SET r = r+1;

END WHILE;

END

###### Conclusion: We have Successfully calculated area of circle for radius varying from 1 to 10 using code block in MySQL Command Line and Work Bench

###### Code and Output:

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