**EXPERIMENT NO.9**

**Aim: Write a Program to find Area Of circle using Constructor Overloading.**

import java.util.\*;

class AreaOf

{

double r;

AreaOf()

{

r=0;

}

AreaOf(double radious)

{

r=radious;

}

AreaOf(int radious)

{

r=radious;

}

void display()

{

System.out.println("Area Of Circle="+(3.14\*r\*r));

}

}

class FindArea

{

public static void main(String args[])

{

double r1;

int r2;

Scanner sc = new Scanner(System.in);

AreaOf a1 = new AreaOf();

System.out.println("Enter radious 1");

r1=sc.nextDouble();

AreaOf b1 = new AreaOf(r1);

System.out.println("Enter radious 2");

r2=sc.nextInt();

AreaOf c1 = new AreaOf(r2);

System.out.println("Area Of circle--Radius=0");

a1.display();

System.out.println("Area Of Circle--Radius="+r1);

b1.display();

System.out.println("Area Of Circle--radius="+r2);

c1.display();

}

}

