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//program 08:Demonstrate Constructor Overloading
//Author:
//Date:

import java.io.*;
class addition
{
    double a,b;
    addition(double x,double y) // 1st constructor with name addition
    {
        a=x;
        b=y;;
        System.out.println("sum of 2 float values:= " +(a+b));
    }

    addition(int x,int y) // 2nd constructor with name addition
    {
        int a=x;
        int b=y;
        System.out.println("sum of 2 integer is:= " +(a+b));
    }

    addition(int x,int y,int z) // 3rd constructor with name addition
    {
        int a=x;
        int b=y;
        int c=z;
        System.out.println("sum of 3 integer is:= " +(a+b+c));
    }
}

//end of class addition

class constOverload //main class
{
    public static void main(String args[])//main
    {
        addition a1= new addition(4.5,5.0) //calls 1st constructor
        addition a2= new addition(15,14) //calls 2nd constructor
        addition a3= new addition(5,4,6);//calls 3rd constructor

    }
}

//end of main
//end of class constOverload

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