PROGRAM LINK:

<http://tpcg.io/_EJRHJ4>

PROGRAM

// Java program to Demonstrate Polymorphism // This class will contain // 3 methods with same name, // yet the program will // compile & run successfully

public class Sum

{

// Overloaded sum().

// This sum takes two int parameters

public int sum(int x, int y)

{

return (x + y);

}

// Overloaded sum().

// This sum takes three int parameters public int sum(int x, int y, int z)

{ return (x + y + z);

}

// Overloaded sum().

// This sum takes two double parameters public double sum(double x, double y)

{ return (x + y);

}

// Driver code public static void main(String args[])

{

Sum s = new Sum(); System.out.println(s.sum(10, 20)); System.out.println(s.sum(10, 20, 30)); System.out.println(s.sum(10.5, 20.5));

}

}

OUTPUT:

30 6031.0

SCREENSHOT:

