1. **Method Overloading:**

package com.methodoverloading;

class Addition

{

void sum(int x,long y)

{

System.out.println("f"+" "+x+" "+y+" "+(x+y));

}

void sum(long y,int x)

{

System.out.println("s"+" "+x+" "+y+" "+(x+y));

}

void sum(int x,int y)

{

System.out.println("t"+ " "+x+" "+y+" "+(x+y));

}

void sum(int x,int y,int z)

{

System.out.println("fo"+" "+x+" "+y+" "+z+(x+y+z));

}

}

public class TestAdditionOverload

{

public static void main(String[] args)

{

Addition a=new Addition();

a.sum(23, 24,35);

a.sum(34l, 23);

a.sum(32, 34);

}

}