//1. Write a program to demonstrate method overloading with 3 different parameters .

public class MethodOverloading{

public void printData(int num) {

System.out.println("Printing integer: " + num);

}

public void printData(double num) {

System.out.println("Printing double: " + num);

}

public void printData(String text) {

System.out.println("Printing string: " + text);

}

public static void main(String[] args) {

MethodOverloading obj = new MethodOverloading();

obj.printData(10);

obj.printData(3.14);

obj.printData("Rudra Prasad !");

}

}

//2.Write a program to create an object of an class which contain a method and call that class method in main method .

public class MyClass {

public void myMethod() {

System.out.println("Hello from RudraPrasad!");

}

public static void main(String[] args) {

MyClass Obj = new MyClass();

Obj.myMethod();

}

}

//3.Write a java program to calculate the sum of all element in an integer array ?

public class ArraySum {

static int calcSum(int[] arr) {

int sum = 0;

for (int num : arr) {

sum += num;

}

return sum;

}

public static void main(String[] args) {

int[] numbers = {1, 2, 3, 4, 5};

int sum = calcSum(numbers);

System.out.println("The sum of the array elements is: " + sum);

}