DAY 7

import java.util.Scanner;

class Calculator{

int result;

static int operationCount;

void add(int a,int b){

result =a+b;

System.out.println(result);

operationCount++;

}

static void displayOperationCount(){

System.out.println("Number of operations performed: "+operationCount);

}

}

public class Problem\_1 {

public static void main(String[] args) {

Scanner sc= new Scanner(System.in);

int a1= sc.nextInt();

int a2= sc.nextInt();

Calculator cal = new Calculator();

cal.add(a1,a2);

Calculator.displayOperationCount();

}

}

2)

import java.util.Scanner;

class BankAccount{

private balance;

void deposite(int a){

balance += a;

System.out.println("Amount Deposited ");

}

void getbalance(){

System.out.println(balance);

}

}

public class Problem\_2 {

public static void main(String[] args) {

Scanner sc= new Scanner(System.in);

int n1= sc.nextInt();

BankAccount obj = new BankAccount();

obj.deposite(n1);

obj.getbalance();

}

}

3)

import java.util.Scanner;

class Student {

String name;

int rollno;

Student(String name, int rollno) {

this.name = name;

this.rollno = rollno;

}

Student(int rollno) {

this.name = "Unknown";

this.rollno = rollno;

}

void display() {

System.out.println("Roll No: " + rollno + ", Name: " + name);

}

}

public class Problem\_3 {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter the roll no:");

int roll = sc.nextInt();

sc.nextLine();

System.out.println("Enter the name:");

String name = sc.nextLine();

Student obj = new Student(name, roll);

obj.display();

Student obj2 = new Student(roll);

obj2.display();

sc.close();

}

}