

Dan Jandel C. De Ramos

BSCpE 2-1

Made with L^AT_EX

Activity 1

Source Code:

```
/*
 * Written by: Dan Jandel C. De Ramos
 * Polytechnic University of the Philippines Biñan
 * Bachelor of Science in Computer Engineering 2-1
 */

public class Activity_1{
    public static void main(String[] args){

        //The data stored here are for the sake of examples only and are not 100% a
        String name_1 = "Dan Jandel C. De Ramos";
        char gender = 'M';
        char pesoSign = '\u20B1';
        boolean maritalStatus = false;
        byte numberOfChildren = 0;
        short birthYear = 2003;
        int salary = 65536;
        long netAsset = 89414685416L;
        double weight = 69.42;
        float gpa = 1.88f;

        System.out.println();

        System.out.println(" \u2022 Activity # 1 \u2022 \n");
        System.out.println("Name: " + name_1);
        System.out.println("Gender: " + gender);
        System.out.println("Married: " + maritalStatus);
        System.out.println("Number of Children: " + numberOfChildren);
        System.out.println("Year of birth: " + birthYear);
        System.out.println("Salary: " + pesoSign + " " + salary);
        System.out.println("Net Asset: " + pesoSign + " " + netAsset);
        System.out.println("Weight: " + weight + "kg");
        System.out.println("GPA: " + gpa);

        System.out.println();

    }
}
```

Output:

```
PS C:\Users\508un> & 'C:\Program Files\Eclipse Adoptium\jdk-17.0.8-hotspot\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\508un\AppData\Local\Temp\vscodesws_f50e0\jdt_ws\jdt.ls-java-project\bin' 'Activity_1'
```

• Activity # 1 •

```
Name: Dan Jandel C. De Ramos
Gender: M
Married: false
Number of Children: 0
Year of birth: 2003
Salary: ₱ 65536
Net Asset: ₱ 89414685416
Weight: 69.42kg
GPA: 1.88
```

```
PS C:\Users\508un>
```

Activity 2
Source Code:

```
/*
 * Written by: Dan Jandel C. De Ramos
 * Polytechnic University of the Philippines Biñan
 * Bachelor of Science in Computer Engineering 2-1
 */

import java.util.Scanner;
import java.util.InputMismatchException;

public class Activity_2{
    public static void main(String[] args){

        Scanner input = new Scanner(System.in);

        String name;
        String location;
        short age = 0;

        System.out.println();

        System.out.println("\u2022 Activity # 2 \u2022 \n");
        System.out.println("What is your name? ");
        name = input.nextLine();
        System.out.println("\nWhat is your age in years? ");
        while(age==0){
            try {
                age = input.nextShort();
            } catch (java.util.InputMismatchException e) {
                System.out.print("\n!!! You have entered an invalid value.");
                System.out.println("Please use whole numbers only !!!");
                System.out.println("What is your age in years?");
                input.next();
            }
        }

        input.nextLine();
        System.out.println("\nWhere do you live?");
        location = input.nextLine();
        input.close();
        System.out.println("\nYour name is " + name);
        System.out.println("You are " + age + " years old");
        System.out.println("You live in " + location);

        System.out.println();
    }
}
```

Output:

```
PS C:\Users\508un> & 'C:\Program Files\Eclipse Adoptium\jdk-17.0.8.7-hotspot\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\508un\AppData\Local\Temp\vscodesws_f50e0\jdt_ws\jdt.ls-java-project\bin' 'Activity_2'

• Activity # 2 •

What is your name?
Dan Jandel C. De Ramos

What is your age in years?
Twenty

!!! You have entered an invalid value. Please use whole numbers only !!!
What is your age in years?
20

Where do you live?
20 Cataquiz Avenue Cataquiz 3 City of San Pedro Laguna

Your name is Dan Jandel C. De Ramos
You are 20 years old
You live in 20 Cataquiz Avenue Cataquiz 3 City of San Pedro Laguna

PS C:\Users\508un> █
```