**PROGRAMMING LANGUAGES WITH LAB**

Laboratory Activity 2

**Class and Object**

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Score

*Submitted by:*

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**<SAT 7:00 AM> / <BSCS 2-YA-1>**

*Date Submitted*

**10-12-2022**

*Submitted to:*

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General Instruction:

1. Read the instructions first before solving the computing problems.
2. For the items with programming solutions, copy the link of your python program "Lab Activity 2" from your repository
3. Refer to the rubrics in grading each computing problem.

Problem 1. Examine the program below and create an appropriate flowchart (50 points)

(Note: You may use LucidChart or Word Processing tool)

**Code: Flowchart:**

Diagram

Description automatically generated

n = 20

total\_numbers = n

sum = 0

while n >= 0:

sum += n

n -= 1­­­­­

print("sum =", sum)

average = sum / total\_numbers

print("Average = ", average)

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Problem 2. (50 points)

1. Write a Python to display your full name, student number, age, and course
2. Create a class named Student with attributes: Name, Student\_No, Age, School, and Course
3. Create an object name Myself and assign an instance for each attribute.
4. Create a method Info() using an instantiation of a class.
5. Insert your GitHub link "Lab Activity 2" from your repository named "OOP 1-1"

#Problem 2. (50 points)

#1. Write a Python to display your full name, student number, age, and course

#2. Create a class named Student with attributes: Name, Student\_No, Age, School, and Course

#3. Create an object name Myself and assign an instance for each attribute.

#4. Create a method Info() using an instantiation of a class.

#5. Insert your GitHub link "Lab Activity 2" from your repository named "OOP 1-1"

class Student:

  def \_\_init\_\_(self,name,number,age,school,course):

    self.name = name                #attributes

    self.number = number

    self.age = age

    self.school = school

    self.course = course

Myself = Student("Louis Philip C. Dela Cruz", "0218-4404-772", 21, "Our Lady of Fatima University", "Computer Science")

print("My name is:",Myself.name)

print("Student Number:",Myself.number)

print("Age:",Myself.age)

print("School:",Myself.school)

print("Course:",Myself.course)

Graphical user interface, text, application

Description automatically generated