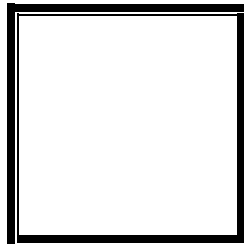Our Lady of Fatima University
College of Computer Studies
Computer Science Department

PROGRAMMING LANGUAGES WITH LAB

Laboratory Activity 2
Class and Object

Score

Submitted by:
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7:00 – 9:30 / BSCS-2-YA-1

Date Submitted
10-12-2022

Submitted to:

Engr. Maria Rizette H. Sayo

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)

```
n = 20

total_numbers = n

sum = 0

while n >= 0:

  sum += n

  n -= 1

print("sum =", sum)


average = sum / total_numbers

print("Average = ", average)
```
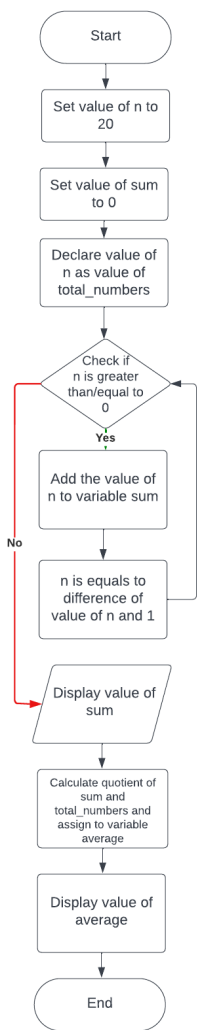
```
Start
  ↓
Set value of n to 20
  ↓
Set value of sum to 0
  ↓
Declare value of n as value of total_numbers
  ↓
Check if n is greater than/equal to 0
  Yes ↓
Add the value of n to variable sum
  ↓
n is equals to difference of value of n and 1
  No ↓
Display value of sum
  ↓
Calculate quotient of sum and total_numbers and assign to variable average
  ↓
Display value of average
  ↓
End
```

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"