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:
REYES, KARL SIEGFRED L.
<10:20AM ~ 1:20PM> / <BSCS 2-YA-1>

Date Submitted
12/10/2022

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.

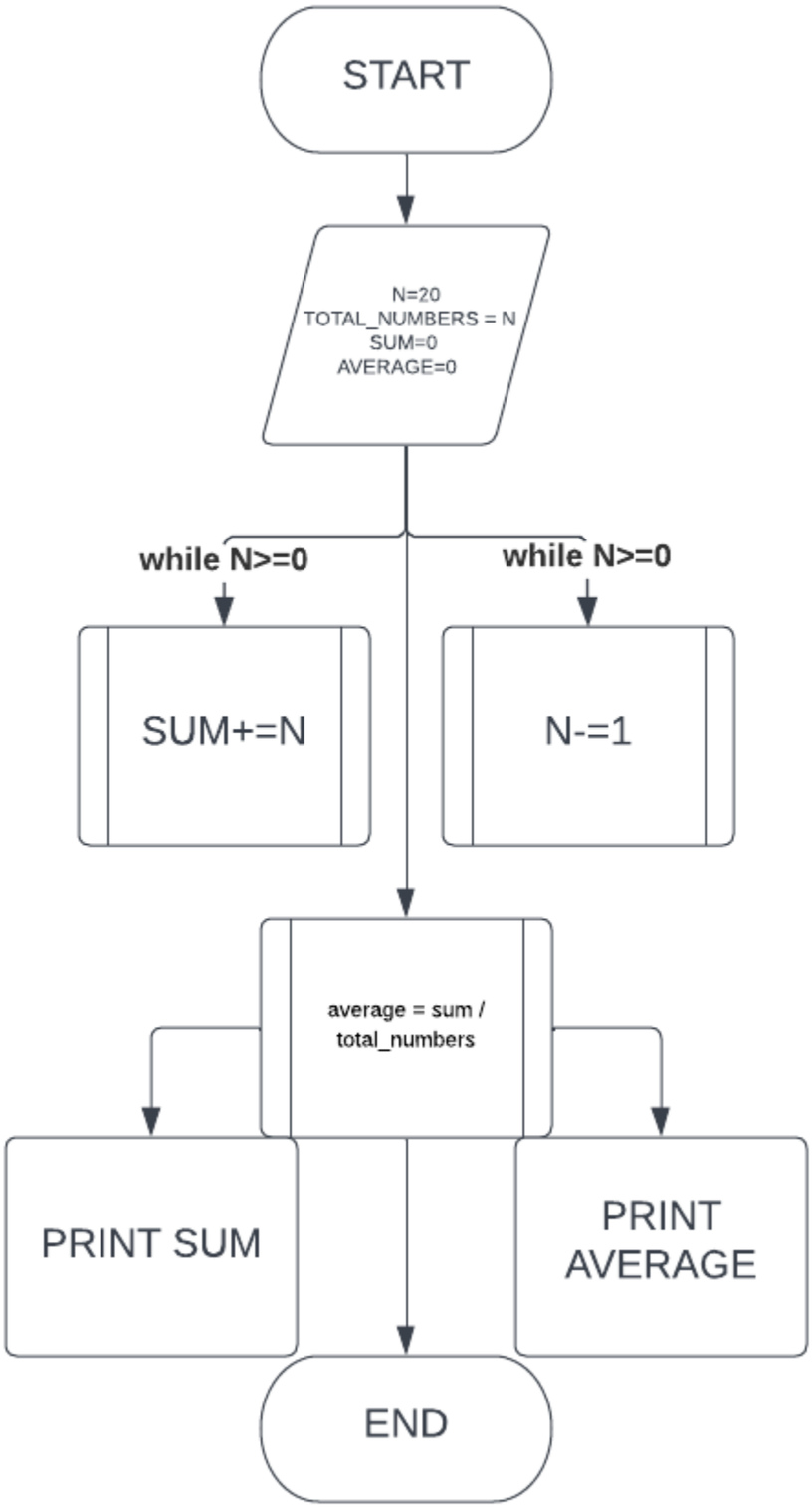
Problem 1. Examine the program below and create an appropriate flowchart (50 points)
(Note: You may use LucidChart or Word Processing tool)

```
n = 20

total_numbers = n

sum = 0

while n >= 0:

  sum += n

  n -= 1

print("sum =", sum)



average = sum / total_numbers

print("Average = ", average)
```

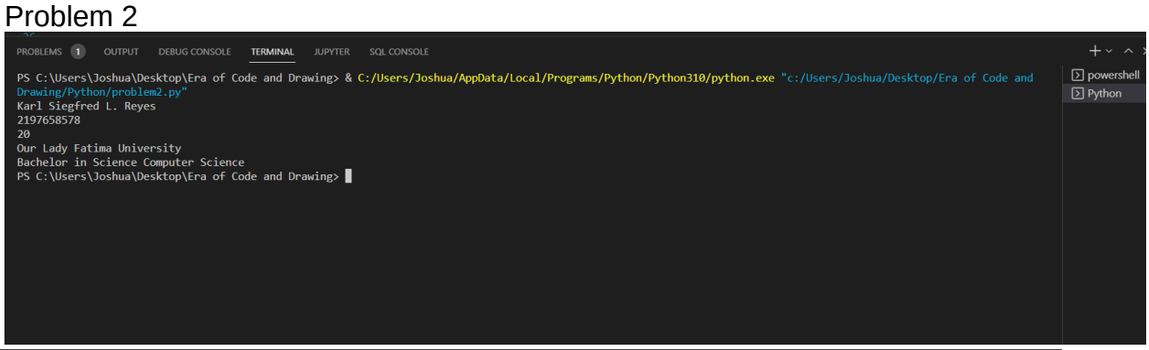
Problem 2. (50 points)

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 1


START
N=20
TOTAL_NUMBERS = N
SUM=0
AVERAGE=0
while N>=0
while N>=0
SUM+=N
N-=1
average = sum / total_numbers
PRINT SUM
PRINT AVERAGE
END

Problem 2




```python
#1
Name = "Karl Siegfred L. Reyes"
Student_No = 2197658578
Age = 20
School = "Our Lady Fatima University"
Course = "Bachelor in Science Computer Science"
#2
class Student:
  def __init__(self,Name, Student_No, Age,School,Course):
    self.Name = Name
    self.Student_No = Student_No
    self.Age = Age
    self.School = School
    self.Course = Course
  #4
  def info(self):
    print(""+self.Name)
    print(self.Student_No)
    print(self.Age)
    print(""+self.School)
    print(""+self.Course)
#3
Myself = Student(Name,Student_No,Age,School,Course)
#4
Myself.info()
```