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**ASSIGNMENT COVER PAGE**

**Please fill in all the required details for your assignment to be accepted.**

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| Student’s Matric No | LUC-NGA-001-ADM-1000435 | | |
| Year/Semester | Year 1/ Semester 1 | | |
| Program | Computer Science (Cyber Security & Network Technology) | | |
| Subject Name / Subject Code | Object Oriented Programming (BCSNT- 6063) | | |
| Lecturer’s Name | Mr.Mansor | | |
| Assignment Title |  | | |
| No. of Page (excluding this page) |  | | |
| Required words |  | Actual of words |  |
| Soft copy included | Yes / No | | |
| **DECLARATION BY STUDENTS:**  *I certify that this assignment is my own work in my own words. All resources have been acknowledged and the content has not been previously submitted for assessment to LINCOLN or elsewhere. I also confirm that I have kept a copy of this assignment.*  Sign: kamolideen Date: 22/07/2023 | | | |

1. Write a PHP Script to demonstrate the difference between Functional Programming, Procedural Programming and Object-Oriented Programming
2. In your own understanding, diagrammatically differentiate between class, object and properties.

Vehicle

Truck

Tricycle

Lorry

Train

Motorcycles

Name

Color

Tyre

Accelerate

Brake

**Object**

**Properties**

**Class**

Car

1. Write an OOP PHP code that declare a class called **Fruit**, the class should consist of two properties namely ($name and $color). Add two method to the class namely set\_name() and get\_name() which will set and get $name property respectively. Instantiate this fruit class with four different name of fruit you know.