**National University of Computer and Emerging Sciences**



**Lab Manual 14**

***for***

**Object Oriented Programming (OOP)**

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| **Section** | **B** |
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**Lab 14**

**Task 1: Function Templates**

**Scenario: Generic Comparator**

Write a function template to compare two elements of any type and determine:

1. Whether the two elements are equal.
2. Which element is greater (if applicable).

**Task 2: Class Templates**

**Scenario: Generic Pair Class**

Create a **Pair** class using templates that can store two values of any type. The class should:

1. Allow setting and retrieving the pair of values.
2. Swap the values in the pair.