School of Science, Computing and Engineering Technologies

# **Object Oriented Programming**

Pass Task 3.2: The Stack and Heap and Null Pointer

### **Overview**

In this task you reflect on some code you have already written and explain what happens in memory as it executes.

**Purpose:** Explore the connected nature of objects.

Task: Complete the answer sheet about the how memory is used in an object-ori-

ented program.

**Deadline:** Due by the end of week four, Friday 30 May 2025, 23:59 Hanoi Time (**Firmed**).

#### Submission Details

All students have access to the Adobe Acrobat tools. Please print your solution to PDF.

• A PDF document containing your written answers using the provided template.



## **Instructions**

Download the answer sheet and complete the questions within. For this task you will need to refer to the code you wrote in task 2.2P Counter Class.

#### Assessment Criteria

Make sure that your task has the following in your submission:

- The "Universal Task Requirements" (see Canvas) have been met.
- Your explanations must demonstrate your understanding of the basic relationship between variables and objects, and what it means that objects *know* and *can do* things.