**Homework 2**

**UML**

**NOTE:**

Use Solution Provided in Class

You must use **PlantUML**

**GIT REPOSITORY:** [**https://github.com/mmlado-cpp/cs4800\_HW3**](https://github.com/mmlado-cpp/cs4800_HW3)

**Class Diagram**

Your assignment is to go back to **Homework 1** and create a UML Class Diagram for all parts.

Part 1

A close-up of a computer screen

Description automatically generated

Part 2

A screenshot of a computer

Description automatically generated

Part 3

A screenshot of a computer

Description automatically generated

Part 4

A screenshot of a computer

Description automatically generated

**Object Diagram**

Create the UML **Object Diagram** for the following parts in HW 1 at specific points specified.

1. **Part 2** after all 3 ships have been dynamically created.

A screenshot of a computer

Description automatically generated

2) **Part 3** after step 5. Before adding a second instructor and book.

A diagram of a course

Description automatically generated

1. **Part 4** after step 2 when the app folder is deleted.

A close-up of a computer screen

Description automatically generated

The above shows the app folder but does not have any relationship to the file system. They is included in the above system since the objects can still exist as an object. The example below shows a diagram with no app folder in the diagram.

**A screenshot of a computer

Description automatically generated**