Logo

Description automatically generated

**22/SU-COP-2805C-72035 Java Programming**

**Exercise 11.13**

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Created By: Johnathan Webster

# Document Version Control

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| 0.1 | 2022 June 10 | Johnathan Webster | First Draft |

# Document Purpose

The purpose of this document is to define the updated Remove\_Duplicate() class.

# Technical Specifications

## Purpose of Technical Implementation

The purpose of this implementation is to provide the user with a class that can remove duplicate values from a given amount provided. In this case the amount is 10.

## Technical Implementation Components

The class implementation allows the user to remove all duplicate values from the inputted values.

The class consists of one primary method. The method will take the values entered and store them in an ArrayList. The method will then iterate through the list and remove all duplicate values and return a new list with the removed elements.

*public* *static* <Test> ArrayList<Test> *removeDuplicateIntegers*(ArrayList<Test> sampleList){

        ArrayList<Test> newList = *new* ArrayList<Test>();

*for*(Test element *:* sampleList){

*if*(!newList.*contains*(element)){

                newList.*add*(element);

            }

        }

*return* newList;

    }

## Remove Duplicates Implementation

The implementation of this class allows the user to enter an amount of provided integers, in this instance the amount is 10, and remove all duplicate values. The class will provide the user with only the distinct values they were provided.