

**COP-2800: Java Programming**

**Assignment 7.15**

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# Document Version Control

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| 0.1 | 2022 JAN 9 | Francis Fiskey | First Draft |

# Technical Specifications

## Purpose of Technical Implementation

The purpose of this program is to allow the user to enter 10 different numbers and for the program to sort through the most distinct numbers through it For example:

Enter ten numbers: 1 2 3 2 1 6 3 4 5 2  
The distinct numbers are: 1 2 3 6 4 5

Since 1 2 3 6 4 5 are the only numbers available it will shorten the amount of numbers seen.

<**Example**: The purpose of this implementation is to provide a quick and efficient way to update pages without the need for a “full” build to Production. Deploying a new “build” to production can represent a large time loss when critical updates to front end pages is required.

## Psuedocode

Import scanner

Public class Module715

Scanner set up

Int numbers = new int [10]

Print Enter ten numbers

For (int I = 0; I < numbers.length; i++)

numbers[i] = input.nextln();

get rid of dup numbers

public static int[] eliminate dups

for list

if not list

public static linear search array key

for I = 0; I < array

if key == array [i]

print the distinct numbers are:

## Screenshot of working code

