**Business Application Development**

**Semester 2, 2015**

**Lab Test 2 Instructions.**

**--------------------------------------------------------------------------------------------------------------------------------------**

NOTE: You will require the following files to be able to complete your lab test:

1. Purchase.cs : This is a class file and should be added to your project

2. CashPurchase: This is a derived class of Purchase and should be added to your project.

3. Purchases.txt : This is a data file and should be added to the bin/debug folder of your

project. It contains data already written to the file of type CashPurchase.

Before commencing any coding, students should take the time to look at the file provided and familiarize themselves with their contents!

**Instructions:**

1. You are required to read the Purchases.txt file, which contains data for objects of type CashPurchase that were previously written to the text file. Whilst reading each object in the file, you are required to write each object using Console.WriteLine, add the object to an array.

2. On completion of reading the file you must use a foreach statement to display the contents of the array. This should be the same as the previous Console.WriteLine statement as in step 1.

3. You must now write the contents of the array to a binary file called “PurchaseData.dat”.

4. Lastly you must read the PurchaseData.dat file back, displaying each object using a Console.WriteLine statement