**Part A**

In a document create an algorithm that describes the process that you used to enroll in this course. Be as descriptive as possible and cover the different scenarios. Along with this algorithm create a flowchart that describes this process.

* Open BCUIS
* Sign in with username and password
* Press the return key on your keyboard.
* Type 11 for student information
* Type 2 for student information
* Type R to register for courses
* Enter ADIT135001 in next available entry point
* Type DONE in next available entry point
* Press return key to return to view menu
* L to logoff
* Find entry point for quitting, type YES to quit
* Press command Q on keyboard to close the session

**Part B**

Consider the following:  
You work in a Web Development firm and your boss asks you to create an algorithm for their latest product launch: a brand-new leather shoe store. You must analyze the process of customer shoe returns. Your boss only gives you the following rules:

1. Shoes can only be returned within 30 days of purchase
2. Return shipping fee is waived if the shoes to be returned cost more than $399
3. If shoe is damaged or obviously worn by customer no money is returned to customer

In the same document as above, create an algorithm that describes the process above. You can be creative but use logic. You must imagine that this process will be deployed and use by thousands of customers buying shoes from your online store. Finally, create a flowchart that describes this process.

* Search receipt by order number
* Search shoes being returned by ID number
* Look up date of purchase
* If date is less than 30 days from current date, continue; if more than 30, stop return
* Look up price of shoe by ID number
* If price is more than $399, set shipping cost at $0; if less than, continue with return as is with shipping costs yet to be determined.