

JAVA Project – Phase 1 – 150 points DUE DATE – Oct 26
(NO late programs accepted. The solution will be posted at midnight Oct 26)

This will be Phase #1 of a continuous project. You will be creating the entire structure of a program that will be completed in pieces (phases) In this phase of the project, you are to make calls to methods, but the methods will have only a cout statement in them. This is called a stub. The program will call the proper method, but each method will be completed later.

You are to create a program that will keep track of information for an Airline. The program will be menu driven. Your menu is to look something like the following:

ACME Airline System

1. Add/modify Flight information
2. Add/modify Reservation information
3. Report Section
4. Exit Airline System

Please make your selection >

In this first phase you are to write the complete method for the **menu** and **stubs for all of the other methods.**

The names and definitions of the methods are as follows:

- **Menu** – method that will print the above menu and will return the user's selection by value to the main program
- **Modify_flight**– stub- to be completed in a later phase
- **Modify_reservation**- stub -to be completed in a later phase
- **Report** – stub- to be completed in a later phase

You must use the above names for the methods in your program. Each method, except the menu method will just be a stub and when called, will print a message to the user that the method has been executed. Control will then pass back to the menu. You will need a while loop to keep the program running until the user picks "4.Exit Airline System "

- You are also to create two other methods called **read_flight** and **read_reservation** that will **run only once** at the beginning of your program.
- Create another method called **exit_program** that will **run only once** at the end of your program. These methods will also be stubs. - to be completed in a later phase

Please copy the code to a Word document along with screen prints of the program running. Upload the document to Blackboard