Assignment 5 – AK/ITEC1620 3.0

**Problem**

You are planning to do some travelling after the semester, and you would like to know your available options.  A very low-cost carrier has made their flight schedule available on-line, but they have not provided an interface!  For this assignment, you must build an application that will access their FlightSchedule and determine how many options you have to fly between the two input cities (with at most one stop-over in between) and how much Money each of these options will cost.  (See APIs below -- FlightSchedule.html and Money.html)

**Required Classes** (save the class files below to your working directory):

FlightSchedule.class  
Money.class

**Sample Program Run:**

You should build your application to have similar prompts for input and similar output to the following.

     Enter 'exit' to quit  
     from: here  
     to: there

     There are no available fares with at most one stop between here and there

     Enter 'exit' to quit  
     from: Vancouver  
     to: Montreal

     Indirect flight from Vancouver to Montreal through Calgary costs 501 dollars and 25 cents  
     Indirect flight from Vancouver to Montreal through Toronto costs 621 dollars and 85 cents

     Enter 'exit' to quit  
     from: Toronto  
     to: Toronto

     Indirect flight from Toronto to Toronto through Vancouver costs 1026 dollars and 5 cents  
     Indirect flight from Toronto to Toronto through Edmonton costs 676 dollars and 55 cents  
     Indirect flight from Toronto to Toronto through Ottwawa costs 191 dollars and 0 cents  
     Indirect flight from Toronto to Toronto through Montreal costs 131 dollars and 20 cents

     Enter 'exit' to quit  
     from: Calgary  
     to: Edmonton

     Direct flight from Calgary to Edmonton costs 10 dollars and 10 cents  
     Indirect flight from Calgary to Edmonton through Vancouver costs 200 dollars and 75 cents

     Enter 'exit' to quit  
     from: exit  
     Thank you for using the ITEC1620 fare guide

**Program Template**

     public class FareGenerator  
     {  
      public static void main (String[] args)  
      {  
      }  
     }