1. Show file path to CSV
2. Define lists
3. Add contents to lists
4. Use lists to display address book info

using System;  
using System.Collections.Generic;  
using System.IO;  
using System.Linq;  
  
namespace Week9ICE2  
{  
    class MainClass  
    {  
        public static void Main(string[] args)  
        {  
            // printing address book by importing CSV and rewriting  
            int i = 0;  
  
            string filepath = "/Users/Parker/Documents/College/MSIS2203/Week9ICE2/AddressBook.csv";  
  
            using (var reader = new StreamReader(filepath))  
            {  
                List<string> Name = new List<string>();  
                List<string> PhoneNumber = new List<string>();  
  
                while (!reader.EndOfStream)  
                {  
                    var line = reader.ReadLine();  
                    var contents = line.Split(',');  
                    Name.Add(contents[0]);  
                    PhoneNumber.Add(contents[1]);  
                }  
  
                string writefile = "/Users/Parker/Documents/College/MSIS2203/Week9ICE2/AddressBookNew.csv";  
  
                var writer = new StreamWriter(File.OpenWrite(writefile));  
  
                while (i < 5)  
                {  
                    writer.WriteLine(Name.ElementAt(i) + "'s phone number is " +  
                                     PhoneNumber.ElementAt(i));  
  
                    i++;  
                }  
  
                writer.Close();  
            }  
  
            string addressBook = File.ReadAllText("/Users/Parker/Documents/College/MSIS2203/Week9ICE2/AddressBookNew.csv");  
            Console.WriteLine(addressBook);  
  
  
            // Creates new CSV file and adds grades to it.  
  
            using (var Gradesreader = new StreamReader("/Users/Parker/Documents/College/MSIS2203/Week9ICE2/Grades.csv"))  
            {  
                List<string> Class = new List<string>();  
                List<string> Grades = new List<string>();  
  
                while (!Gradesreader.EndOfStream)  
                {  
                    var gradesLine = Gradesreader.ReadLine();  
                    var gradesContents = gradesLine.Split(',');  
                    Class.Add(gradesContents[0]);  
                    Grades.Add(gradesContents[1]);  
                }  
  
                string gradefile = "/Users/Parker/Documents/College/MSIS2203/Week9ICE2/GradesNew.csv";  
  
                var gradesWriter = new StreamWriter(gradefile);  
  
                Class.Add("BADM1113");  
                Grades.Add("A");  
  
                gradesWriter.Close();  
  
            }  
            string newGrades = File.ReadAllText("/Users/Parker/Documents/College/MSIS2203/Week9ICE2/GradesNew.csv");  
  
            Console.WriteLine(newGrades);  
        }  
  
    }  
}

