using System;

using System.Collections.Generic;

namespace program

{

    internal class Program

    {

        static List<string> registeredPersons = new List<string>() { "Dan\_Ams", "Nica\_Hermosa", "Ica\_Gomez" }; //camelCasing

        static void Main(string[] args)

        {

            // DANICA M. MALANA

            // THE EVENTS INFORMATION SYSTEM

            Console.WriteLine("\n\nMABUHAY KA BIÑANENSE!");

            Console.WriteLine("\n\nThrough this program you will see the dates of fiesta in all barangays that covered by Biñan City Of Laguna");

            Console.WriteLine("But please kindly input your Name or Full Name to access this application!");

            Console.WriteLine("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");

            ShowMainMenu(); //This is the method call

            string userInput = GetUserInput();

            while (userInput != "x") //looping statement

            {

                switch (userInput) //conditional statement

                {

                    case "1":

                        RegisterPerson();

                        ShowMainMenu();

                        userInput = GetUserInput();

                        break;

                    case "2":

                        // This part is for Login Part to access the application

                        Console.WriteLine("\n\_\_\_\_\_\_\_\_\_LOGIN PART\_\_\_\_\_\_\_\_\_\_");

                        Console.Write("Enter your Name or Full name to see the dates of fiesta in all barangays that covered by Biñan City of Laguna: ");

                        var person = Console.ReadLine();

                        if (IsPersonExists(person))

                        {

                            Console.WriteLine("\nWELCOME TO THE SYSTEM!\n");

              // For the List of Dates of Feast in all barangays that covered by Biñan City Of Laguna

              ShowListOfDates();

                            ShowMainMenu();

                            userInput = GetUserInput();

                        }

                        else

                        {

                            Console.WriteLine("\nThis Name is invalid, please try again or proceed to registration part if you're not already registered!\n");

                            ShowMainMenu();

                            userInput = GetUserInput();

                        }

                        break;

                    case "3":

                        Console.WriteLine("\n\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ADDING EVENTS INFORMATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

                        Console.WriteLine("\n\nFOLLOWING ARE SOME EXAMPLES OF EVENTS THAT YOU CAN ADD.");

                        Console.WriteLine("\n- Tupad Program");

                        Console.WriteLine("- Sangguniang Kabataan City Wide Clean Up Drive");

                        Console.WriteLine("- Mr. & Ms. Biñan Events");

                        Console.WriteLine("- Inter-High Sports Tournament");

                        Console.WriteLine("- Puto Latik Festival");

                    // This is for the Users input for Adding Events Information

                        Console.WriteLine("\n\nTake note: If you are adding some events information, make sure that event is covered by the Biñan City Of Laguna only and you can also include the Date, Place and Time.");

                        Console.WriteLine("(Example: On the 15th of May the Biñan City Of Laguna will start celebrating the Puto Latik Festival in Biñan Plaza at 08:00 am)");

                        Console.Write("\n\nWhats your Additional Events information: ");

                        string comments = Console.ReadLine();

                        Console.WriteLine("\n\nTHIS IS THE LIST'S OF DATE'S OF THE FEAST DAY IN ALL BARANGAY THAT COVERED BY BIÑAN CITY OF LAGUNA");

                        Console.WriteLine("\nThe day of the feast on Brgy, Biñan is on May 16");

                        Console.WriteLine("The day of the feast on Brgy, Bungahan is on May 14");

                        Console.WriteLine("The day of the feast on Brgy, Canlalay is on October 6");

                        Console.WriteLine("The day of the feast on Brgy, Casile is on February 11");

                        Console.WriteLine("The day of the feast on Brgy, De Lapaz is on January 24");

                        Console.WriteLine("The day of the feast on Brgy, Ganado is on January 19");

                        Console.WriteLine("The day of the feast on Brgy, Mamplasan is on September 29");

                        Console.WriteLine("The day of the feast on Brgy, Malaban is on August 01");

                        Console.WriteLine("The day of the feast on Brgy, Malamig is on February 11");

                        Console.WriteLine("The day of the feast on Brgy, Langkiwa is on August 28");

                        Console.WriteLine("The day of the feast on Brgy, Loma is on December 08");

                        Console.WriteLine("The day of the feast on Brgy, Platero is on August 16");

                        Console.WriteLine("The day of the feast on Brgy, Poblacion is on May 15");

                        Console.WriteLine("The day of the feast on Brgy, San Antonio is on June 13");

                        Console.WriteLine("The day of the feast on Brgy, San Francisco is on October 4");

                        Console.WriteLine("The day of the feast on Brgy, San Jose is on March 19");

                        Console.WriteLine("The day of the feast on Brgy, San Vicente is on April 05");

                        Console.WriteLine("The day of the feast on Brgy, Santo Domingo is on August 08");

                        Console.WriteLine("The day of the feast on Brgy, Santo Niño is on January 31");

                        Console.WriteLine("The day of the feast on Brgy, Santo Tomas is on March 07");

                        Console.WriteLine("The day of the feast on Brgy, Soro-Soro is on January 17");

                        Console.WriteLine("The day of the feast on Brgy, Timbao is on August 16");

                        Console.WriteLine("The day of the feast on Brgy, Tubigan is on September 28");

                        Console.WriteLine("The day of the feast on Brgy, Zapote is on February 26");

                        Console.WriteLine("\nYour Additional Events information is: " + comments);

                        Console.WriteLine("\n\nTHANK YOU FOR ADDING SOME INFORMATION KABIÑENSE!\n");

                        Console.WriteLine("------------------------------------------------------------------------------------------------");

                        Console.WriteLine("\nSelect Enter to Continue...\n");

                        Console.ReadLine();

                        ShowMainMenu();

                        userInput = GetUserInput();

                        break;

                    case "4":

                        Console.WriteLine("\n\_\_\_\_\_\_\_\_\_REMOVE ACCOUNT\_\_\_\_\_\_\_\_\_\_");

                        Console.Write("Enter your Name or Full name to be removed: ");

                        var personRemove = Console.ReadLine();

                        if (IsPersonExists(personRemove))

                        {

                            registeredPersons.Remove(personRemove);

                            Console.WriteLine("\nSuccessfully removed the account!\n");

                            Console.WriteLine("\nTHANK YOU !\n\n");

                            ShowMainMenu();

                            userInput = GetUserInput();

                        }

                        else

                        {

                            Console.WriteLine("\nThis Name is invalid, please try again!\n\n");

                            ShowMainMenu();

                            userInput = GetUserInput();

                        }

                        break;

                    default:

                        break;

                }

            }

        }

        static void ShowMainMenu() //method signature

        {

            Console.WriteLine("\n~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ MAIN MENU ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~\n\n");

            Console.WriteLine("Enter 1 to Input your Name or Full Name (ex. Dan or Crisostomo\_Ibarra)");

            Console.WriteLine("Enter 2 to Login (if you already input your Name or Full Name)");

            Console.WriteLine("Enter 3 if you want to add some events information that covered by Biñan City Of Laguna");

            Console.WriteLine("Enter 4 to Remove your account (if you already input your Full Name)");

            Console.WriteLine("Enter x to exit application");

            Console.WriteLine("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

        }

        static string GetUserInput() //method signature

        {

            Console.Write("User input: ");

            string input = Console.ReadLine();

            //return statement

            return input;

        }

    static void ShowListOfDates()

    {

      Console.WriteLine("THIS IS THE LIST'S OF DATE'S OF THE FEAST DAY IN ALL BARANGAY THAT COVERED BY BIÑAN CITY OF LAGUNA\n");

                            Console.WriteLine("The day of the feast on Brgy, Biñan is on May 16");

                            Console.WriteLine("The day of the feast on Brgy, Bungahan is on May 14");

                            Console.WriteLine("The day of the feast on Brgy, Canlalay is on October 6");

                            Console.WriteLine("The day of the feast on Brgy, Casile is on February 11");

                            Console.WriteLine("The day of the feast on Brgy, De Lapaz is on January 24");

                            Console.WriteLine("The day of the feast on Brgy, Ganado is on January 19");

                            Console.WriteLine("The day of the feast on Brgy, Mamplasan is on September 29");

                            Console.WriteLine("The day of the feast on Brgy, Malaban is on August 01");

                            Console.WriteLine("The day of the feast on Brgy, Malamig is on February 11");

                            Console.WriteLine("The day of the feast on Brgy, Langkiwa is on August 28");

                            Console.WriteLine("The day of the feast on Brgy, Loma is on December 08");

                            Console.WriteLine("The day of the feast on Brgy, Platero is on August 16");

                            Console.WriteLine("The day of the feast on Brgy, Poblacion is on May 15");

                            Console.WriteLine("The day of the feast on Brgy, San Antonio is on June 13");

                            Console.WriteLine("The day of the feast on Brgy, San Francisco is on October 4");

                            Console.WriteLine("The day of the feast on Brgy, San Jose is on March 19");

                            Console.WriteLine("The day of the feast on Brgy, San Vicente is on April 05");

                            Console.WriteLine("The day of the feast on Brgy, Santo Domingo is on August 08");

                            Console.WriteLine("The day of the feast on Brgy, Santo Niño is on January 31");

                            Console.WriteLine("The day of the feast on Brgy, Santo Tomas is on March 07");

                            Console.WriteLine("The day of the feast on Brgy, Soro-Soro is on January 17");

                            Console.WriteLine("The day of the feast on Brgy, Timbao is on August 16");

                            Console.WriteLine("The day of the feast on Brgy, Tubigan is on September 28");

                            Console.WriteLine("The day of the feast on Brgy, Zapote is on February 26");

    }

        static bool IsPersonExists(string personNumber) //parameters

        {

            int found = registeredPersons.IndexOf(personNumber);

            if (found == -1)

            {

                return false;

            }

            else

            {

                return true;

            }

        }

        static void RegisterPerson()

        {

            Console.WriteLine("\n\_\_\_\_\_\_\_\_\_REGISTRATION PART\_\_\_\_\_\_\_\_\_\_");

            Console.Write("Your Name or Full Name please (ex. Dan or Crisostomo\_Ibarra): ");

            registeredPersons.Add(Console.ReadLine());

            Console.WriteLine("\nThank you for inputting your Name! ");

            Console.WriteLine("\n\nKindly proceed to Login part\n");

        }

    }

}