TAAZAA TRAINING

Assignment- Day 7

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Source Code :-

Contact.cs

```
namespace ListAssignmentP.PropertyContact
{
    public class Contact
    {
        public int Eid{get;set;}
        public string cName{get;set;}
        public string cMail{get;set;}
    }
}
```

ContactList.cs

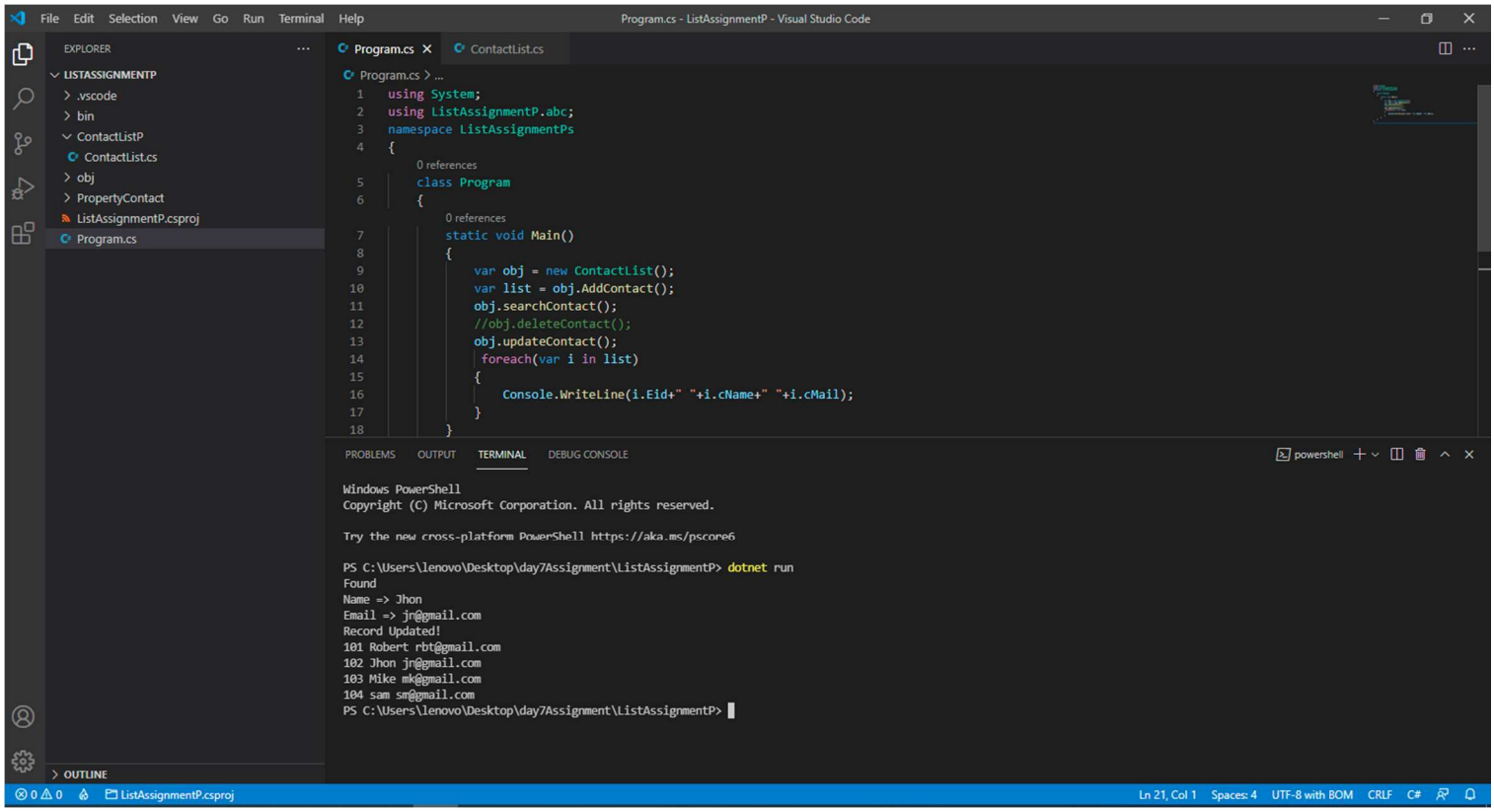
```
using ListAssignmentP.PropertyContact;
using System.Collections.Generic;
using System;
namespace ListAssignmentP.abc
{
    public class ContactList
    {
        List<Contact> list;
        public ContactList()
        {
            list = new List<Contact>();
        }
        public List<Contact> AddContact()
        {
            list.Add(new Contact{
                Eid=101,
                cName="Robert",
                cMail="rbt@gmail.com"
            });
            list.Add(new Contact{
                Eid=102,
                cName="Jhon",
```

```
                cMail="jn@gmail.com"
            });
            list.Add(new Contact{
                Eid=103,
                cName="Chris",
                cMail="ch@gmail.com"
            });
            list.Add(new Contact{
                Eid=104,
                cName="sam",
                cMail="sm@gmail.com"
            });
            return list;
        }
        public void updateContact()
        {
            int target = 2;
            list[target].cName="Mike";
            list[target].cMail="mk@gmail.com";
            Console.WriteLine("Record Updated!");
        }
        public void deleteContact()
        {
            int target =3;
            list.RemoveAt(target);
            Console.WriteLine("Record Deleted!");
        }
        public void searchContact()
        {
                 int target = 1;
                list.FindIndex(employee =>employee.Eid ==target);
                Console.WriteLine("Found");
                Console.WriteLine("Name => "+list[target].cName+"\nEmail => "+list[target].cMail)
;
        }
    }
}
```

Program.cs

```
using System;
using ListAssignmentP.abc;
namespace ListAssignmentPs
{
    class Program
    {
        static void Main()
        {
            var obj = new ContactList();
            var list = obj.AddContact();
            obj.searchContact();
            //obj.deleteContact();
            obj.updateContact();
             foreach(var i in list)
            {
                Console.WriteLine(i.Eid+" "+i.cName+" "+i.cMail);
            }
        }
    }
}
```

Output :-


File Edit Selection View Go Run Terminal Help
Program.cs - ListAssignmentP - Visual Studio Code
EXPLORER
LISTASSIGNMENTP
.vscode
bin
ContactListP
ContactList.cs
obj
PropertyContact
ListAssignmentP.csproj
Program.cs
Program.cs
ContactList.cs
Program.cs > ...
using System;
using ListAssignmentP.abc;
namespace ListAssignmentPs
{
0 references
class Program
{
0 references
static void Main()
{
var obj = new ContactList();
var list = obj.AddContact();
obj.searchContact();
//obj.deleteContact();
obj.updateContact();
foreach(var i in list)
{
Console.WriteLine(i.Eid+" "+i.cName+" "+i.cMail);
}
}
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
powershell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\lenovo\Desktop\day7Assignment\ListAssignmentP> dotnet run
Found
Name => Jhon
Email => jr@gmail.com
Record Updated!
101 Robert rbt@gmail.com
102 Jhon jr@gmail.com
103 Mike mk@gmail.com
104 sam sm@gmail.com
PS C:\Users\lenovo\Desktop\day7Assignment\ListAssignmentP>
OUTLINE
ListAssignmentP.csproj
Ln 21, Col 1 Spaces: 4 UTF-8 with BOM CRLF C#