Putra Strata Tandika Setyawan

2311104050

S1SE0702

Jurnal Modul 13

1. Membuat Interface Observer dan Interface Subject

```
# tpmodul13_2311104050

→ Subscriber

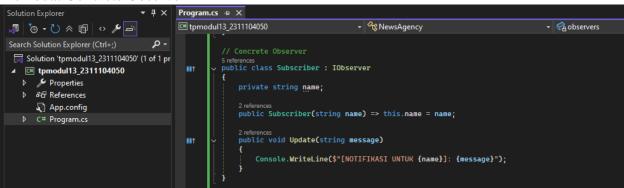
∨ using System;

          using System.Collections.Generic;
          // Interface Observer
         7 references public interface IObserver
 HL
              2 references
              void Update(string message);
 HL
          public interface ISubject
 HL
              void Attach(IObserver observer);
 HL
              void Detach(IObserver observer);
 HL
              2 references
              void Notify();
 HL
```

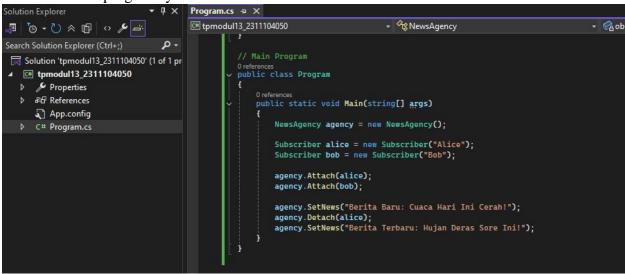
2. Membuat Concrete Subject

```
Solution Explorer
                                                  Program.cs ≠ X
                                                  # tpmodul13_2311104050
                                                                                                         🕶 🕰 NewsAgency
                                                                                                                                                                  - م
                                                               2 references
public class NewsAgency : ISubject
HIT
▲ □ tpmodul13_2311104050
                                                                     private List<10bserver> observers = new List<10bserver>();
private string news;
  ▶ ► Properties
▶ ♣☐ References
       App.config
                                                                     2 references
public void SetNews(string news)
{
   ▶ C# Program.cs
                                                                          this.news = news;
Notify();
                                                                     3 references
public void Attach(IObserver observer) => observers.Add(observer);
2 references
public void Detach(IObserver observer) => observers.Remove(observer);
2 references
public void Notify()
                                                     HIT
                                                     HT
                                                                          foreach (var observer in observers)
  observer.Update(news);
```

3. Membuat Concrete Observer



4. Membuat main programnya



5. Hasil Outputnya

```
Microsoft Visual Studio Debug Console

NOTIFIKASI UNTUK Alice]: Berita Baru: Cuaca Hari Ini Cerah!
NOTIFIKASI UNTUK Bob]: Berita Baru: Cuaca Hari Ini Cerah!
NOTIFIKASI UNTUK Bob]: Berita Terbaru: Hujan Deras Sore Ini!

O:\Setya\Clone\KPL_Putra-Strata-Tandika-Setyawan_2311104050\13_Design_Pattern_Implementation\TP\tpmodul13_2311104050\tpm
odul13_2311104050\bin\Debug\tpmodul13_2311104050.exe (process 8904) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.

Press any key to close this window . . .
```