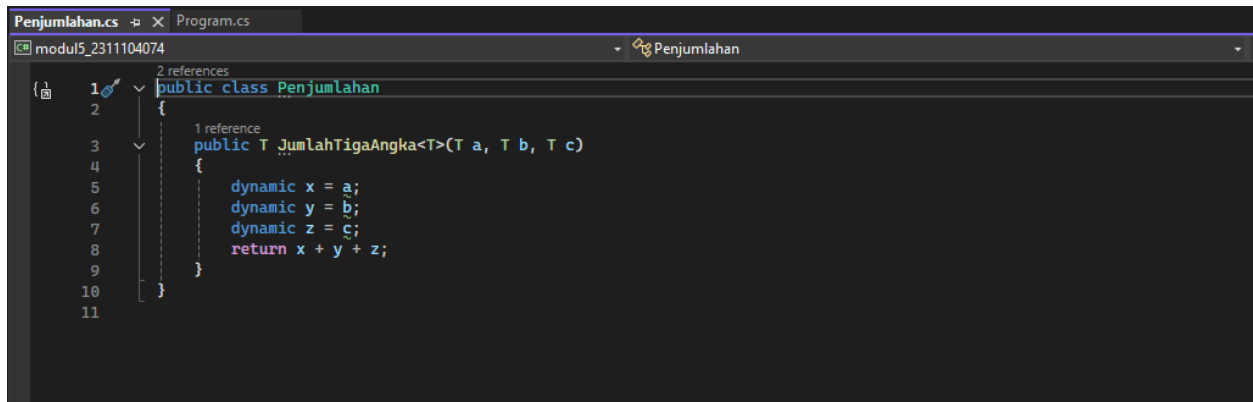


JURNAL 5

Nama:Fahmi Hasan Asagaf

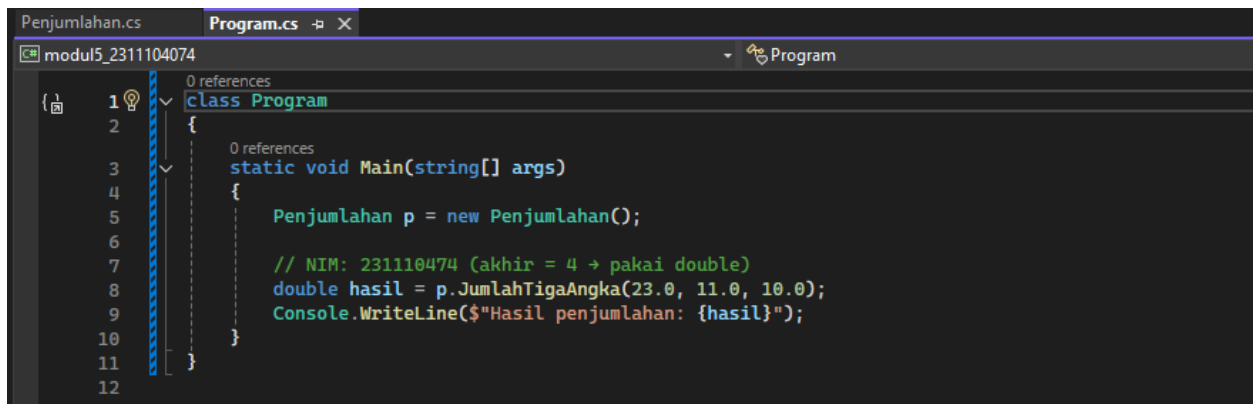
Nim:2311104074

Code penjumlahan yang ada di branch generic method



```
1 public class Penjumlahan
2 {
3     1 reference
4     public T JumlahTigaAngka<T>(T a, T b, T c)
5     {
6         dynamic x = a;
7         dynamic y = b;
8         dynamic z = c;
9         return x + y + z;
10    }
11 }
```

Main program



```
1 class Program
2 {
3     0 references
4     static void Main(string[] args)
5     {
6         Penjumlahan p = new Penjumlahan();
7
8         // NIM: 231110474 (akhir = 4 → pakai double)
9         double hasil = p.JumlahTigaAngka(23.0, 11.0, 10.0);
10        Console.WriteLine($"Hasil penjumlahan: {hasil}");
11    }
12 }
```

```

fahmi@DESKTOP-1BTLV6S MINGW64 ~/source/repos/KPL_2311104074_SE0702/05_Generics (
implementasi-generic-method)
$ git add.
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
    add

fahmi@DESKTOP-1BTLV6S MINGW64 ~/source/repos/KPL_2311104074_SE0702/05_Generics (
implementasi-generic-method)
$ git add .

fahmi@DESKTOP-1BTLV6S MINGW64 ~/source/repos/KPL_2311104074_SE0702/05_Generics (
implementasi-generic-method)
$ git commit -m "Menambahkan class Penjumlahan dengan method jumlahTigaAngka Jurnal 5"
[implementasi-generic-method cbe342f] Menambahkan class Penjumlahan dengan method jumlahTigaAngka Jurnal 5
5 files changed, 21 insertions(+), 39 deletions(-)
delete mode 100644 05_Generics/kelompok1kplfahmi/kelompok1kplfahmi.sln
delete mode 100644 05_Generics/kelompok1kplfahmi/kelompok1kplfahmi/Program.cs
delete mode 100644 05_Generics/kelompok1kplfahmi/kelompok1kplfahmi/kelompok1kplfahmi.csproj
create mode 100644 05_Generics/modul5_2311104074/modul5_2311104074/Penjumlahan.cs

fahmi@DESKTOP-1BTLV6S MINGW64 ~/source/repos/KPL_2311104074_SE0702/05_Generics (
implementasi-generic-method)
$ git push -u origin implementasi-generic-method
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 12 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (7/7), 897 bytes | 897.00 KiB/s, done.
Total 7 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
remote:
remote: Create a pull request for 'implementasi-generic-method' on GitHub by visiting:
remote:   https://github.com/fahmihasanasagaf/KPL_2311104074_SE0702/pull/new/implementasi-generic-method
remote:
To https://github.com/fahmihasanasagaf/KPL_2311104074_SE0702.git
 * [new branch]      implementasi-generic-method -> implementasi-generic-method
branch 'implementasi-generic-method' set up to track 'origin/implementasi-generic-method'.

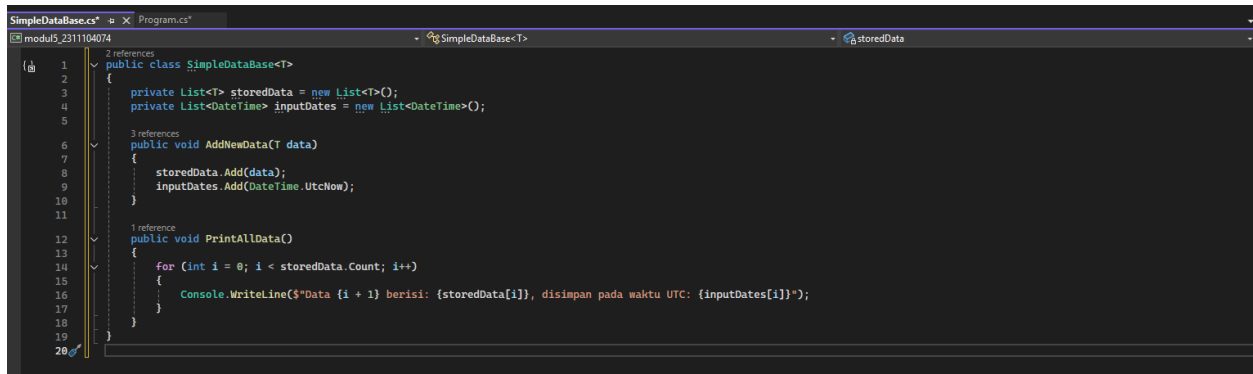
fahmi@DESKTOP-1BTLV6S MINGW64 ~/source/repos/KPL_2311104074_SE0702/05_Generics (
implementasi-generic-method)
$ git checkout main
D      06_Design_by_Contract_dan_Defensive_Programming/Jurnal_modul_6/.vs/Jurnal_modul_6/FileContentIndex/4bc21f75-7e1a-4ce1-b668-f4cb7afb39dd.vsidx
D      06_Design_by_Contract_dan_Defensive_Programming/Jurnal_modul_6/.vs/Jurnal_modul_6/FileContentIndex/5d417981-adf7-4324-98a0-25aabd538c4f.vsidx
M      06_Design_by_Contract_dan_Defensive_Programming/Jurnal_modul_6/.vs/Jurnal_modul_6/v17/.suo
M      06_Design_by_Contract_dan_Defensive_Programming/Jurnal_modul_6/.vs/Jurnal_modul_6/v17/DocumentLayout.backup.json
M      06_Design_by_Contract_dan_Defensive_Programming/Jurnal_modul_6/.vs/Jurnal_modul_6/v17/DocumentLayout.json
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

fahmi@DESKTOP-1BTLV6S MINGW64 ~/source/repos/KPL_2311104074_SE0702/05_Generics (
main)
$ git checkout -b implementasi-generic-class

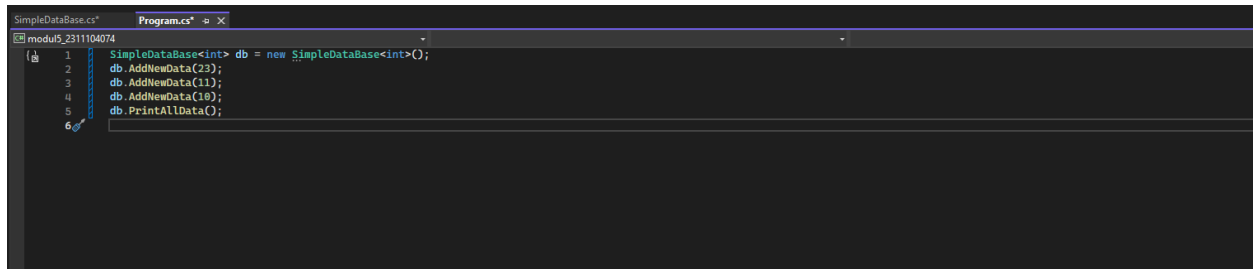
```

Push ke branch 1 lalu bikin branch baru

Di branch generic class tambahkan code simple data base serta mainnya



```
1 public class SimpleDataBase<T>
2 {
3     private List<T> storedData = new List<T>();
4     private List<DateTime> inputDates = new List<DateTime>();
5
6     public void AddNewData(T data)
7     {
8         storedData.Add(data);
9         inputDates.Add(DateTime.UtcNow);
10    }
11
12    public void PrintAllData()
13    {
14        for (int i = 0; i < storedData.Count; i++)
15        {
16            Console.WriteLine($"Data {i + 1} berisi: {storedData[i]}, disimpan pada waktu UTC: {inputDates[i]}");
17        }
18    }
19 }
20
```



```
1 SimpleDataBase<int> db = new SimpleDataBase<int>();
2 db.AddNewData(23);
3 db.AddNewData(11);
4 db.AddNewData(10);
5 db.PrintAllData();
6
```

Lalu push

```
fahmi@DESKTOP-1BTLV6S MINGW64 ~/source/repos/KPL_2311104074_SE0702/05_Generics (implementasi-generic-class)
$ git add .
git commit -m "menambahkan class SimpleDataBase"
git push -u origin implementasi-generic-class
git checkout main
[implementasi-generic-class 55cbf6b] menambahkan class SimpleDataBase
1 file changed, 12 insertions(+)
create mode 100644 05_Generics/modul5_2311104074/modul5_2311104074/SimpleDataBase.cs
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 12 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 659 bytes | 659.00 KiB/s, done.
Total 6 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
remote:
remote: Create a pull request for 'implementasi-generic-class' on GitHub by visiting:
remote:   https://github.com/fahmihasanasagaf/KPL_2311104074_SE0702/pull/new/implementasi-generic-class
remote:
To https://github.com/fahmihasanasagaf/KPL_2311104074_SE0702.git
 * [new branch]      implementasi-generic-class -> implementasi-generic-class
branch 'implementasi-generic-class' set up to track 'origin/implementasi-generic-class'.
D    06_Design_by_Contract_dan_Defensive_Programming/Jurnal_modul_6/.vs/Jurnal_modul_6/FileContentIndex/4bc21f75-7e1a-4
D    06_Design_by_Contract_dan_Defensive_Programming/Jurnal_modul_6/.vs/Jurnal_modul_6/FileContentIndex/5d417981-adf7-4
M    06_Design_by_Contract_dan_Defensive_Programming/Jurnal_modul_6/.vs/Jurnal_modul_6/v17/.suo
M    06_Design_by_Contract_dan_Defensive_Programming/Jurnal_modul_6/.vs/Jurnal_modul_6/v17/DocumentLayout.backup.json
M    06_Design_by_Contract_dan_Defensive_Programming/Jurnal_modul_6/.vs/Jurnal_modul_6/v17/DocumentLayout.json
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

fahmi@DESKTOP-1BTLV6S MINGW64 ~/source/repos/KPL_2311104074_SE0702/05_Generics (main)
$
```

Merge kedua branch

```
Merge made by the 'ort' strategy.
.../modul5_2311104074/modul5_2311104074/SimpleDataBase.cs | 12 ++++++++
1 file changed, 12 insertions(+)
create mode 100644 05_Generics/modul5_2311104074/modul5_2311104074/SimpleDataBase.cs
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 12 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 593 bytes | 593.00 KiB/s, done.
Total 5 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/fahmihasanasagaf/KPL_2311104074_SE0702.git
12c5c42..c16a514 main -> main

fahmi@DESKTOP-1BTLV6S MINGW64 ~/source/repos/KPL_2311104074_SE0702/05_Generics (main)
$ |
```