

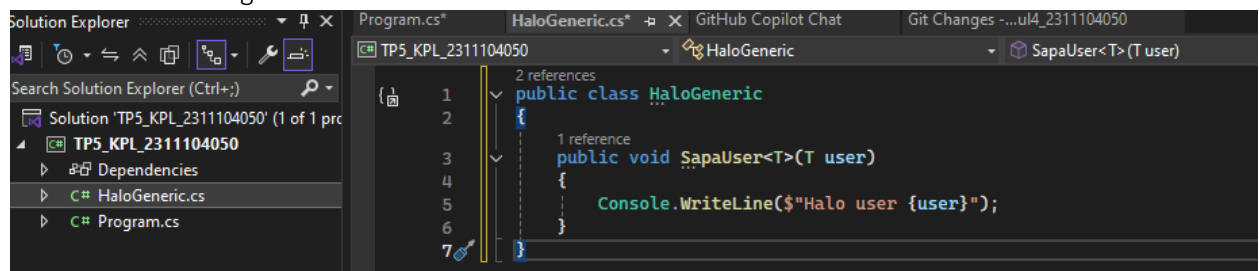
Putra Strata Tandika Setyawan
2311104050
S1SE0702
TP KPL Modul 5

1. https://github.com/setya31/Modul5_2311104050
2. Buat proyek dan repo baru lalu commit dan membuat branch baru

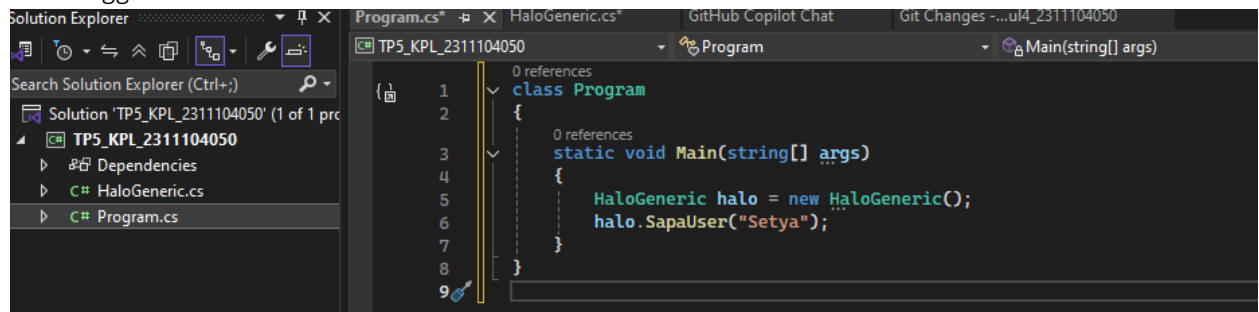
```
PS C:\Users\user\source\repos\TP5_KPL_2311104050> git init
Initialized empty Git repository in C:/Users/user/source/repos/TP5_KPL_2311104050/.git/
PS C:\Users\user\source\repos\TP5_KPL_2311104050> git add .
PS C:\Users\user\source\repos\TP5_KPL_2311104050> git commit -m "first commit"
[master (root-commit) b99704f] first commit
14 files changed, 266 insertions(+)
create mode 100644 TP5_KPL_2311104050.sln
create mode 100644 TP5_KPL_2311104050/Program.cs
create mode 100644 TP5_KPL_2311104050/TP5_KPL_2311104050.csproj
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/.NETCoreApp,Version=v8.0.AssemblyAttributes.cs
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.AssemblyInfo.cs
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.AssemblyInfoInputs.cache
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.GeneratedMSBuildEditorConfig
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.GlobalUsings.g.cs
create mode 100644 TP5_KPL_2311104050/obj/TP5_KPL_2311104050.csproj.nuget.g.props
create mode 100644 TP5_KPL_2311104050/obj/TP5_KPL_2311104050.csproj.nuget.g.targets
create mode 100644 TP5_KPL_2311104050/obj/project.assets.json
create mode 100644 TP5_KPL_2311104050/obj/project.nuget.cache
PS C:\Users\user\source\repos\TP5_KPL_2311104050> git branch -M main
PS C:\Users\user\source\repos\TP5_KPL_2311104050> git remote add origin https://github.com/setya31/Modul5_2311104050.git
PS C:\Users\user\source\repos\TP5_KPL_2311104050> git push -u origin main
Enumerating objects: 20, done.
Counting objects: 100% (20/20), done.
Delta compression using up to 2 threads
Writing objects: 100% (20/20), 4.65 KiB | 528.00 KiB/s, done.
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/setya31/Modul5_2311104050.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
PS C:\Users\user\source\repos\TP5_KPL_2311104050> git branch generic-method

PS C:\Users\user\source\repos\TP5_KPL_2311104050> git checkout generic-method
>>
Switched to branch 'generic-method'
PS C:\Users\user\source\repos\TP5_KPL_2311104050> |
```

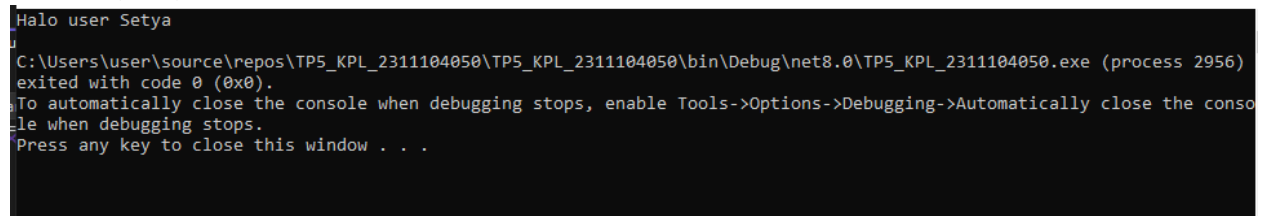
3. Membuat class dengan nama HaloGeneric.cs



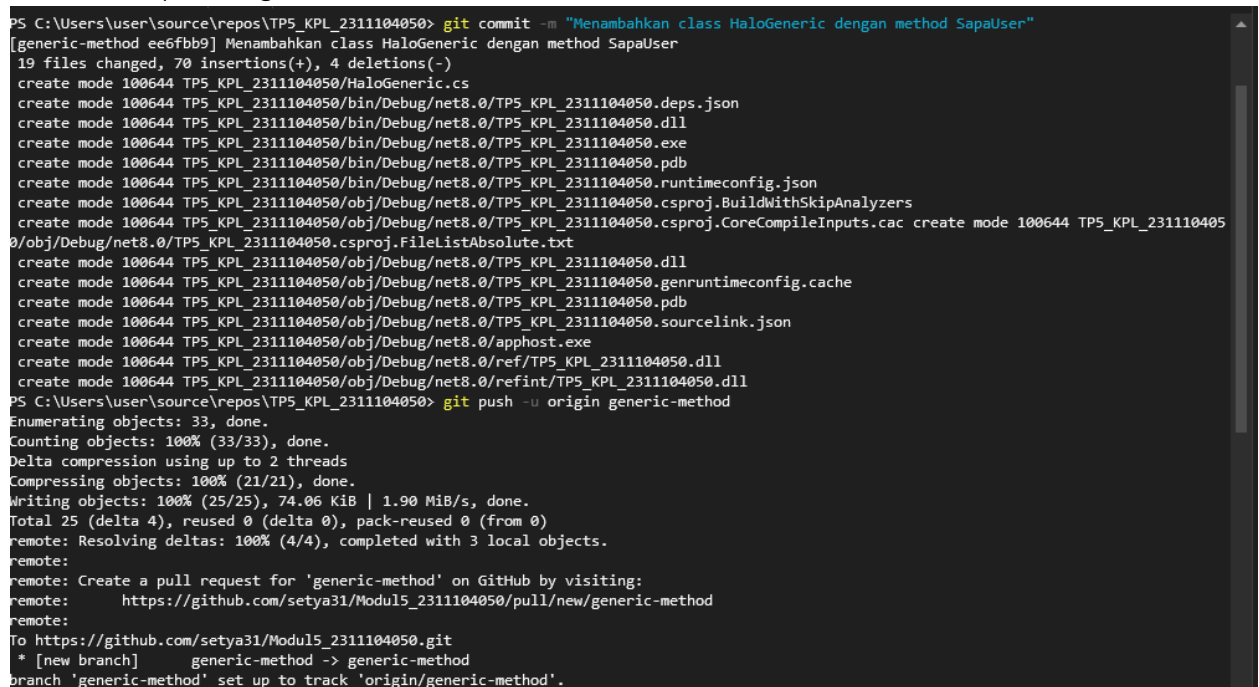
Memanggil method dalam main



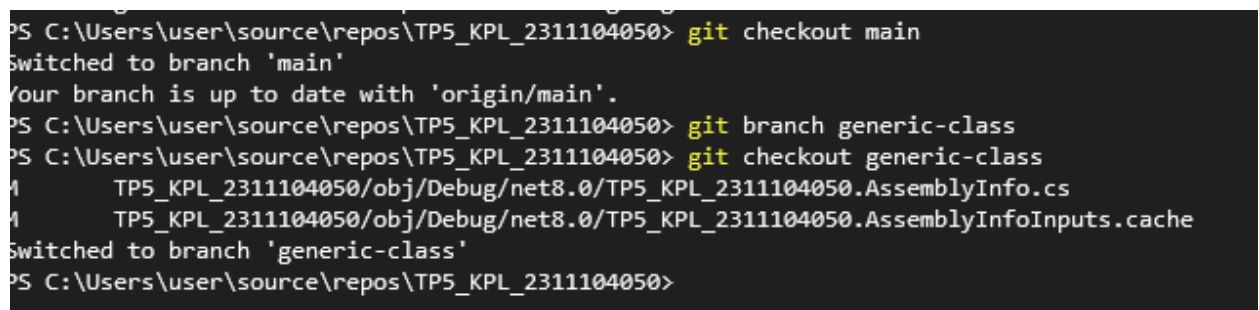
Hasil Outputnya



Lalu commit push ke github:



Commit Push dan memindahkan ke branch lain:



4. Menambahkan kelas DataGeneric.cs

```
1 1 reference
2 public class DataGeneric<T>
3 {
4     private T data;
5
6     0 references
7     public DataGeneric(T data)
8     {
9         this.data = data;
10    }
11
12    0 references
13    public void PrintData()
14    {
15        Console.WriteLine($"Data yang tersimpan adalah: {data}");
16    }
17 }
```

Memanggil dalam main:

```
Solution Explorer | Program.cs* | DataGeneric.cs* | GitHub Copilot Chat | Git Changes -...ul4_2311104050
TP5_KPL_2311104050 | Program
1 class Program
2 {
3     0 references
4     static void Main(string[] args)
5     {
6         DataGeneric<string> dataGeneric = new DataGeneric<string>("2311104050");
7         dataGeneric.PrintData();
8     }
9 }
```

Outputnya:

```
Data yang tersimpan adalah: 2311104050
C:\Users\user\source\repos\TP5_KPL_2311104050\TP5_KPL_2311104050\bin\Debug\net8.0\TP5_KPL_2311104050.exe (process 10084)
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 . . .
```

Commit dan push ke github:

```
+ Developer PowerShell
PS C:\Users\user\source\repos\TP5_KPL_2311104050> git add .
PS C:\Users\user\source\repos\TP5_KPL_2311104050> git commit -m "Menambahkan class DataGeneric"
[generic-class 1643041] Menambahkan class DataGeneric
19 files changed, 77 insertions(+), 4 deletions(-)
create mode 100644 TP5_KPL_2311104050/DataGeneric.cs
create mode 100644 TP5_KPL_2311104050/bin/Debug/net8.0/TP5_KPL_2311104050.deps.json
create mode 100644 TP5_KPL_2311104050/bin/Debug/net8.0/TP5_KPL_2311104050.dll
create mode 100644 TP5_KPL_2311104050/bin/Debug/net8.0/TP5_KPL_2311104050.exe
create mode 100644 TP5_KPL_2311104050/bin/Debug/net8.0/TP5_KPL_2311104050.pdb
create mode 100644 TP5_KPL_2311104050/bin/Debug/net8.0/TP5_KPL_2311104050.runtimeconfig.json
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.csproj.BuildWithSkipAnalyzers
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.csproj.CoreCompileInputs.cache
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.csproj.FileListAbsolute.txt
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.dll
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.genruntimeconfig.cache
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.pdb
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.sourcelink.json
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/apphost.exe
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/ref/TP5_KPL_2311104050.dll
create mode 100644 TP5_KPL_2311104050/obj/Debug/net8.0/refint/TP5_KPL_2311104050.dll
PS C:\Users\user\source\repos\TP5_KPL_2311104050> git push -u origin generic-class
Enumerating objects: 33, done.
Counting objects: 100% (33/33), done.
Delta compression using up to 2 threads
Compressing objects: 100% (21/21), done.
Writing objects: 100% (25/25), 74.18 KiB | 2.06 MiB/s, done.
Total 25 (delta 4), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (4/4), completed with 3 local objects.
remote:
remote: Create a pull request for 'generic-class' on GitHub by visiting:
remote:   https://github.com/setya31/Modul5_2311104050/pull/new/generic-class
remote:
To https://github.com/setya31/Modul5_2311104050.git
 * [new branch]      generic-class -> generic-class
```

Commit Push dan memindahkan ke branch semula:

```
PS C:\Users\user\source\repos\TP5_KPL_2311104050> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS C:\Users\user\source\repos\TP5_KPL_2311104050>
```

Melakukan merge dari kedua branch baru:

```

PS C:\Users\user\source\repos\TP5_KPL_2311104050> git merge generic-method
Already up to date.
PS C:\Users\user\source\repos\TP5_KPL_2311104050> git merge generic-class
Auto-merging TP5_KPL_2311104050/Program.cs
CONFLICT (content): Merge conflict in TP5_KPL_2311104050/Program.cs
warning: Cannot merge binary files: TP5_KPL_2311104050/bin/Debug/net8.0/TP5_KPL_2311104050.dll (HEAD vs. generic-class)
Auto-merging TP5_KPL_2311104050/bin/Debug/net8.0/TP5_KPL_2311104050.dll
CONFLICT (add/add): Merge conflict in TP5_KPL_2311104050/bin/Debug/net8.0/TP5_KPL_2311104050.dll
warning: Cannot merge binary files: TP5_KPL_2311104050/bin/Debug/net8.0/TP5_KPL_2311104050.pdb (HEAD vs. generic-class)
Auto-merging TP5_KPL_2311104050/bin/Debug/net8.0/TP5_KPL_2311104050.pdb
CONFLICT (add/add): Merge conflict in TP5_KPL_2311104050/bin/Debug/net8.0/TP5_KPL_2311104050.pdb
Auto-merging TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.AssemblyInfo.cs
CONFLICT (content): Merge conflict in TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.AssemblyInfo.cs
Auto-merging TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.AssemblyInfoInputs.cache
CONFLICT (content): Merge conflict in TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.AssemblyInfoInputs.cache
Auto-merging TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.csproj.CoreCompileInputs.cache
CONFLICT (add/add): Merge conflict in TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.csproj.CoreCompileInputs.cache
warning: Cannot merge binary files: TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.dll (HEAD vs. generic-class)
Auto-merging TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.dll
CONFLICT (add/add): Merge conflict in TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.dll
warning: Cannot merge binary files: TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.pdb (HEAD vs. generic-class)
Auto-merging TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.pdb
CONFLICT (add/add): Merge conflict in TP5_KPL_2311104050/obj/Debug/net8.0/TP5_KPL_2311104050.pdb
warning: Cannot merge binary files: TP5_KPL_2311104050/obj/Debug/net8.0/ref/TP5_KPL_2311104050.dll (HEAD vs. generic-class)
Auto-merging TP5_KPL_2311104050/obj/Debug/net8.0/ref/TP5_KPL_2311104050.dll
CONFLICT (add/add): Merge conflict in TP5_KPL_2311104050/obj/Debug/net8.0/ref/TP5_KPL_2311104050.dll
warning: Cannot merge binary files: TP5_KPL_2311104050/obj/Debug/net8.0/refint/TP5_KPL_2311104050.dll (HEAD vs. generic-class)
)
Auto-merging TP5_KPL_2311104050/obj/Debug/net8.0/refint/TP5_KPL_2311104050.dll
CONFLICT (add/add): Merge conflict in TP5_KPL_2311104050/obj/Debug/net8.0/refint/TP5_KPL_2311104050.dll
Automatic merge failed; fix conflicts and then commit the result.

```

Push ke github:

```

PS C:\Users\user\source\repos\TP5_KPL_2311104050> git push origin main
Enumerating objects: 28, done.
Counting objects: 100% (28/28), done.
Delta compression using up to 2 threads
Compressing objects: 100% (12/12), done.
Writing objects: 100% (14/14), 1.12 KiB | 287.00 KiB/s, done.
Total 14 (delta 9), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (9/9), completed with 6 local objects.
To https://github.com/setya31/Modul5_2311104050.git
   b99704f..f7854a8  main -> main

```

Hasil outputnya:

```

Halo user Setya
Data yang tersimpan adalah: 2311104050

C:\Users\user\source\repos\TP5_KPL_2311104050\TP5_KPL_2311104050\bin\Debug\net8.0\TP5_KPL_2311104050.exe (process 867
exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the co
le when debugging stops.
Press any key to close this window . . .

```