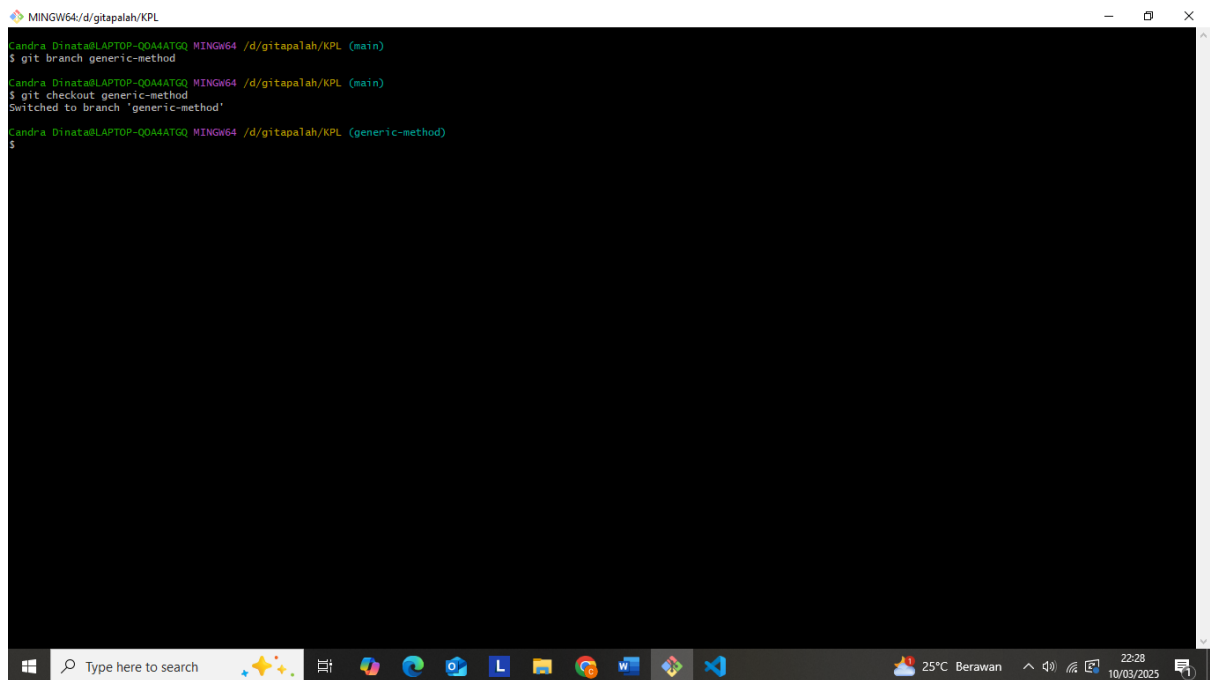


Nama : Candra Dinata

Nim : 2311104061

Kelas : SE0702

MEMBUAT BRANCH BARU PADA GIT PROJECT



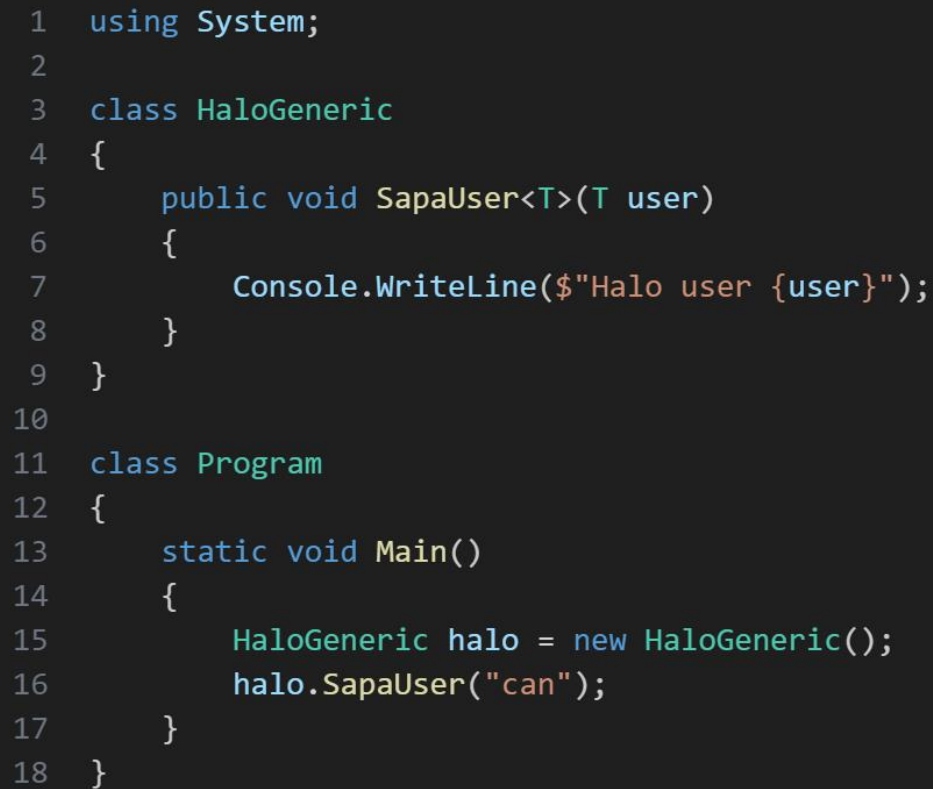
```
MINGW64/d/gitapalah/KPL
Candra Dinata@LAPTOP-Q0A4ATGQ MINGW64 /d/gitapalah/KPL (main)
$ git branch generic-method
Candra Dinata@LAPTOP-Q0A4ATGQ MINGW64 /d/gitapalah/KPL (main)
$ git checkout generic-method
Switched to branch 'generic-method'
Candra Dinata@LAPTOP-Q0A4ATGQ MINGW64 /d/gitapalah/KPL (generic-method)
$
```

The screenshot shows a terminal window titled "MINGW64/d/gitapalah/KPL". The user, Candra Dinata, is working on a laptop with the identifier "LAPTOP-Q0A4ATGQ". The terminal shows the following sequence of commands and output:

- The user is in the "main" branch of a Git project located at "/d/gitapalah/KPL".
- The command `$ git branch generic-method` is executed, creating a new branch named "generic-method".
- The command `$ git checkout generic-method` is executed, switching the current branch to "generic-method".
- The terminal output confirms the branch switch: "Switched to branch 'generic-method'".
- The prompt now indicates the user is on the "generic-method" branch.

The Windows taskbar is visible at the bottom, showing the search bar, task view button, and several application icons (Edge, Mail, L, File Explorer, Chrome, Word, and VS Code). The system tray shows a temperature of 25°C, the location "Berawan", and the date and time "10/03/2025 22:28".

MENAMBAHKAN METHOD DENGAN GENERIC DAN COMMIT



```
1  using System;
2
3  class HaloGeneric
4  {
5      public void SapaUser<T>(T user)
6      {
7          Console.WriteLine($"Halo user {user}");
8      }
9  }
10
11 class Program
12 {
13     static void Main()
14     {
15         HaloGeneric halo = new HaloGeneric();
16         halo.SapaUser("can");
17     }
18 }
```

konsep **generic method**. Program ini memiliki class HaloGeneric dengan method SapaUser<T>(T user), di mana T adalah **parameter generic** yang memungkinkan method menerima berbagai tipe data sebagai input. Method ini mencetak pesan "**Halo user X**", dengan X sebagai nilai yang diberikan saat pemanggilan. Pada Main(), objek halo dari class HaloGeneric dibuat, lalu method SapaUser dipanggil dengan argumen "can", sehingga akan menampilkan output "**Halo user NamaPanggilan**" di console.

PINDAH BRANCH

```
MINGW64/d/gitapalah/KPL
Candra Dinata@LAPTOP-Q0A4ATQ0 MINGW64 /d/gitapalah/KPL (main)
$ git branch generic-method
Candra Dinata@LAPTOP-Q0A4ATQ0 MINGW64 /d/gitapalah/KPL (main)
$ git checkout generic-method
Switched to branch 'generic-method'
Candra Dinata@LAPTOP-Q0A4ATQ0 MINGW64 /d/gitapalah/KPL (generic-method)
$ git branch generic-class
Candra Dinata@LAPTOP-Q0A4ATQ0 MINGW64 /d/gitapalah/KPL (generic-method)
$ git checkout generic-class
Switched to branch 'generic-class'
Candra Dinata@LAPTOP-Q0A4ATQ0 MINGW64 /d/gitapalah/KPL (generic-class)
$
```

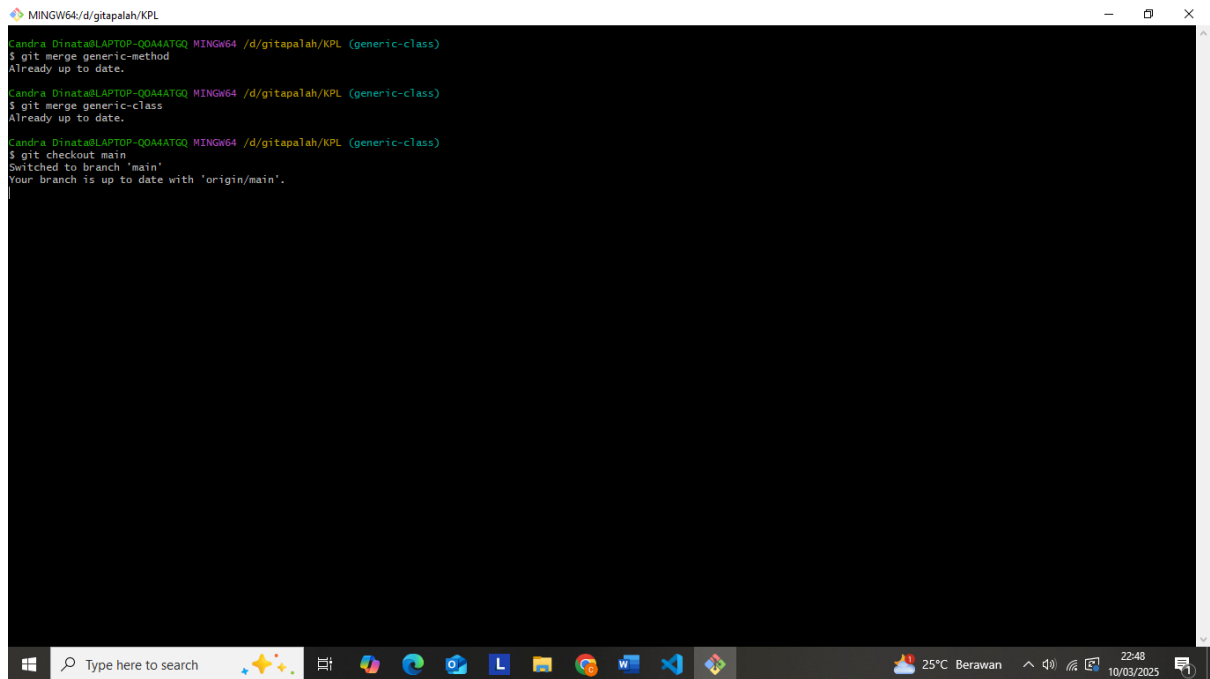
MENAMBAHKAN METHOD DENGAN GENERIC DAN COMMIT

```
1  using System;
2
3  class HaloGeneric
4  {
5      public void SapaUser<T>(T user)
6      {
7          Console.WriteLine($"Halo user {user}");
8      }
9  }
10
11 class Program
12 {
13     static void Main()
14     {
15         HaloGeneric halo = new HaloGeneric();
16         halo.SapaUser("can");
17     }
18 }
19
20 class DataGeneric<T>
21 {
22     private T data;
23
24     public DataGeneric(T data)
25     {
26         this.data = data;
27     }
28
29     public void PrintData()
30     {
31         Console.WriteLine($"Data yang tersimpan adalah: {data}");
32     }
33 }
34
35 class Program
36 {
37     static void Main()
38     {
39         DataGeneric<string> data = new DataGeneric<string>("2311104061");
40         data.PrintData();
41     }
42 }
43
```

generic class, memungkinkan penggunaan berbagai tipe data tanpa mendefinisikan ulang class. Class `DataGeneric<T>` memiliki property `data` bertipe generic `T`, yang diinisialisasi melalui konstruktor saat objek dibuat. Method `PrintData()` digunakan untuk mencetak nilai data ke console dengan format **"Data yang tersimpan adalah: X"**, di mana `X` adalah nilai dari `data`. Pada method `Main()`, objek `data`

dibuat dari class DataGeneric<string> dengan nilai "2311104061", lalu method PrintData() dipanggil untuk menampilkan data yang tersimpan di console.

MELAKUKAN GIT MERGE DARI KEDUA BRANCH BARU



```
MINGW64/d/gitapalah/KPL
Candra Dinata@LAPTOP-Q0A4ATQ0 MINGW64 /d/gitapalah/KPL (generic-class)
$ git merge generic-method
Already up to date.

Candra Dinata@LAPTOP-Q0A4ATQ0 MINGW64 /d/gitapalah/KPL (generic-class)
$ git merge generic-class
Already up to date.

Candra Dinata@LAPTOP-Q0A4ATQ0 MINGW64 /d/gitapalah/KPL (generic-class)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
```

The screenshot shows a Windows terminal window with a dark background. The title bar indicates the path 'MINGW64/d/gitapalah/KPL'. The terminal displays three Git commands and their outputs. The first command is 'git merge generic-method', which returns 'Already up to date.'. The second command is 'git merge generic-class', which also returns 'Already up to date.'. The third command is 'git checkout main', which returns 'Switched to branch 'main'' and 'Your branch is up to date with 'origin/main''. The Windows taskbar is visible at the bottom, showing the search bar, task view, and several application icons. The system tray on the right shows the temperature as 25°C, location as Berawan, and the date and time as 10/03/2025, 22:48.