

Nama : Reva Doni Aprilio

NIM : 1302204051

Kelas : SE-44-01

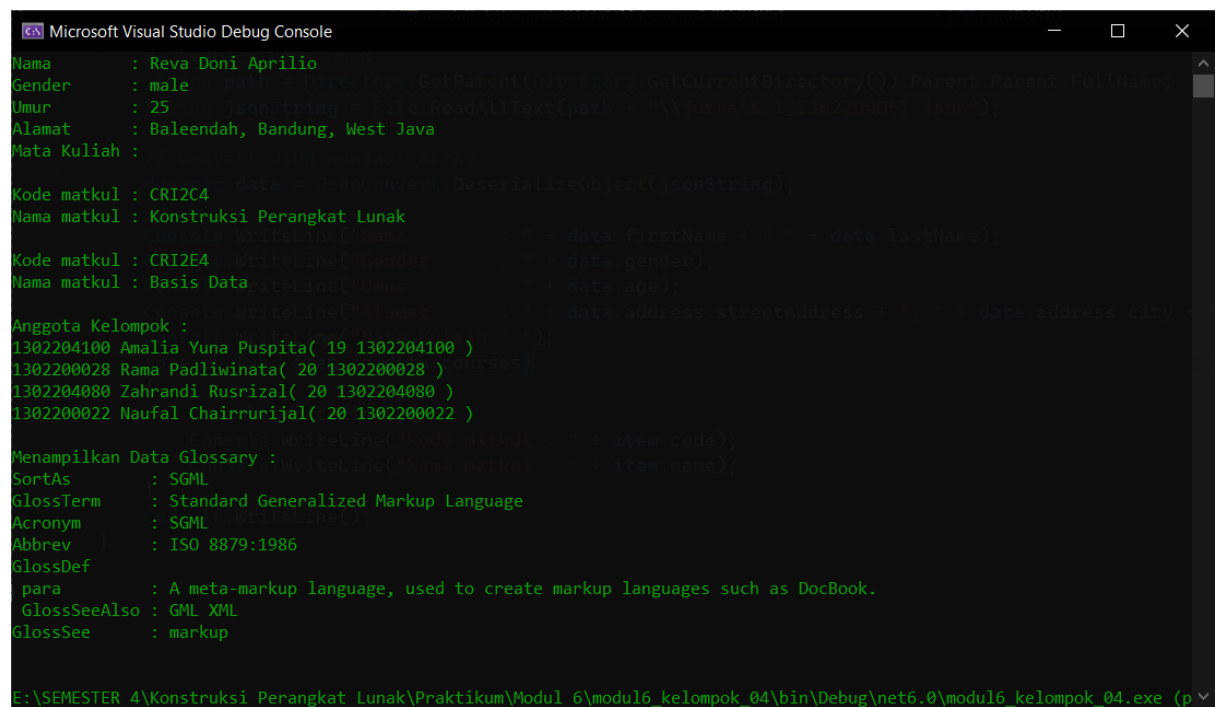
Jurnal Modul 6

1. Link Repository

https://github.com/RevDonz/modul6_kelompok_04

2. Screenshot

Hasil program ketika dijalankan :



```
Microsoft Visual Studio Debug Console
Nama      : Reva Doni Aprilio
Gender    : male
Umur      : 25
Alamat    : Baleendah, Bandung, West Java
Mata Kuliah :

Kode matkul : CRI2C4
Nama matkul : Konstruksi Perangkat Lunak

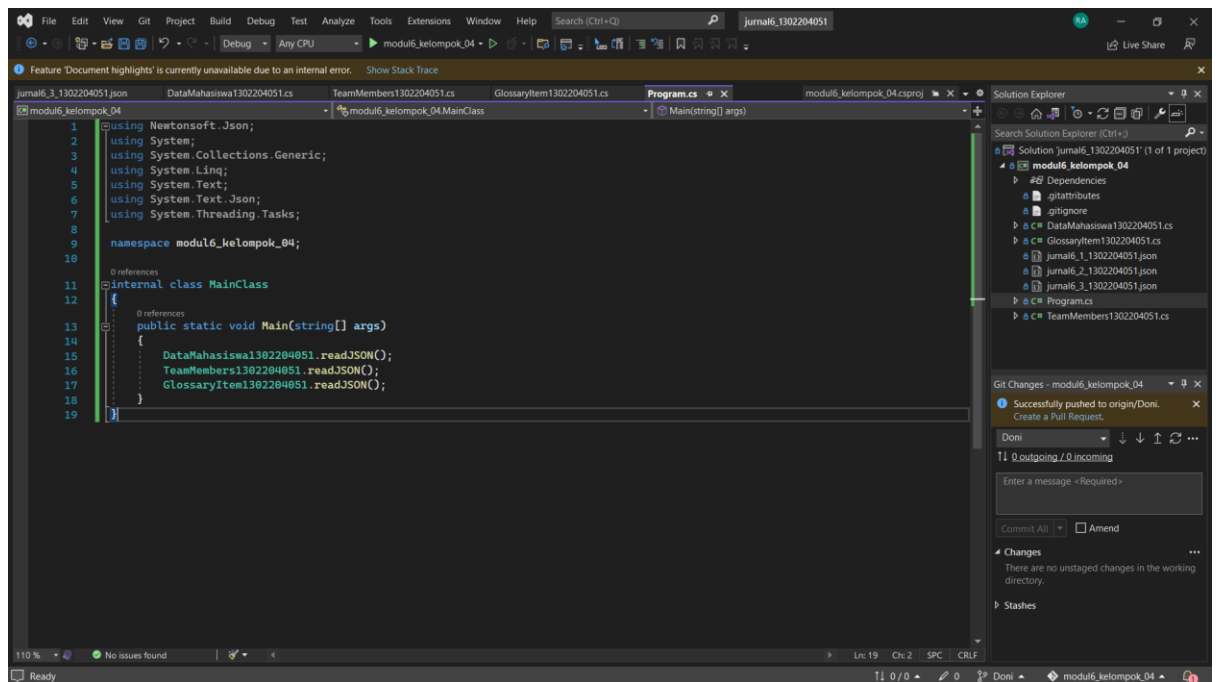
Kode matkul : CRI2E4
Nama matkul : Basis Data

Anggota Kelompok :
1302204100 Amalia Yuna Puspita( 19 1302204100 )
1302200028 Rama Padliwinata( 20 1302200028 )
1302204080 Zahrandi Rusrizal( 20 1302204080 )
1302200022 Naufal Chairrurijal( 20 1302200022 )

Menampilkan Data Glossary :
SortAs      : SGML
GlossTerm   : Standard Generalized Markup Language
Acronym     : SGML
Abbrev      : ISO 8879:1986
GlossDef
  para      : A meta-markup language, used to create markup languages such as DocBook.
  GlossSeeAlso : GML XML
GlossSee    : markup

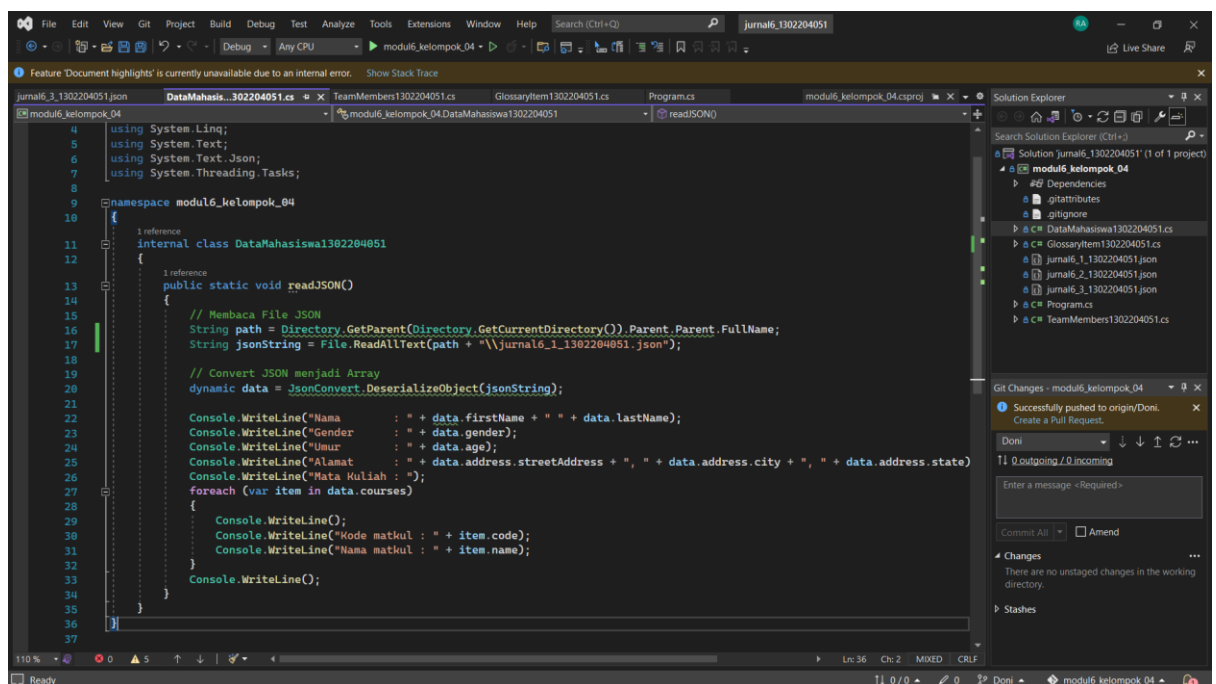
E:\SEMESTER 4\Konstruksi Perangkat Lunak\Praktikum\Modul 6\modul6_kelompok_04\bin\Debug\net6.0\modul6_kelompok_04.exe (p
```

Class MainClass :



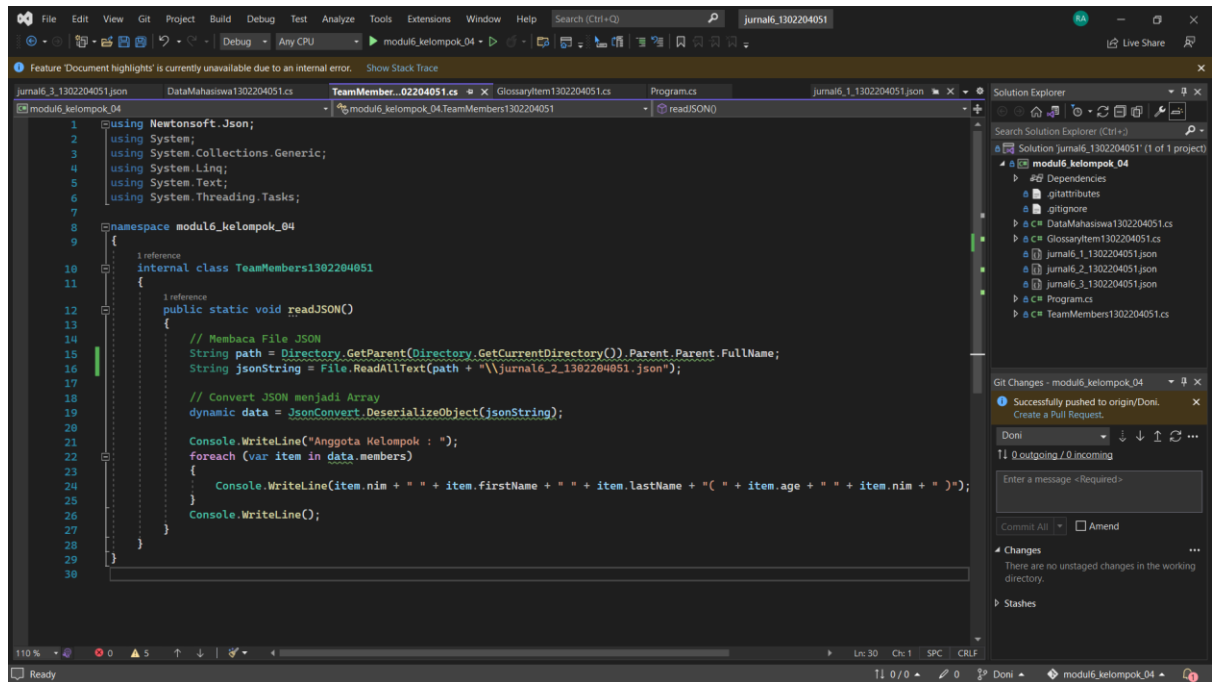
Di Method Main ada pemanggilan method static dari class DataMahasiswa1302204051, TeamMembers1302204051, dan GlossaryItem1302204051.

Class DataMahasiswa1302204051 :



Class DataMahasiswa1302204051, isinya hanya method readJSON() untuk menampilkan isi dari file jurnal6_1_1302204051.json menggunakan package Newtonsoft.Json;

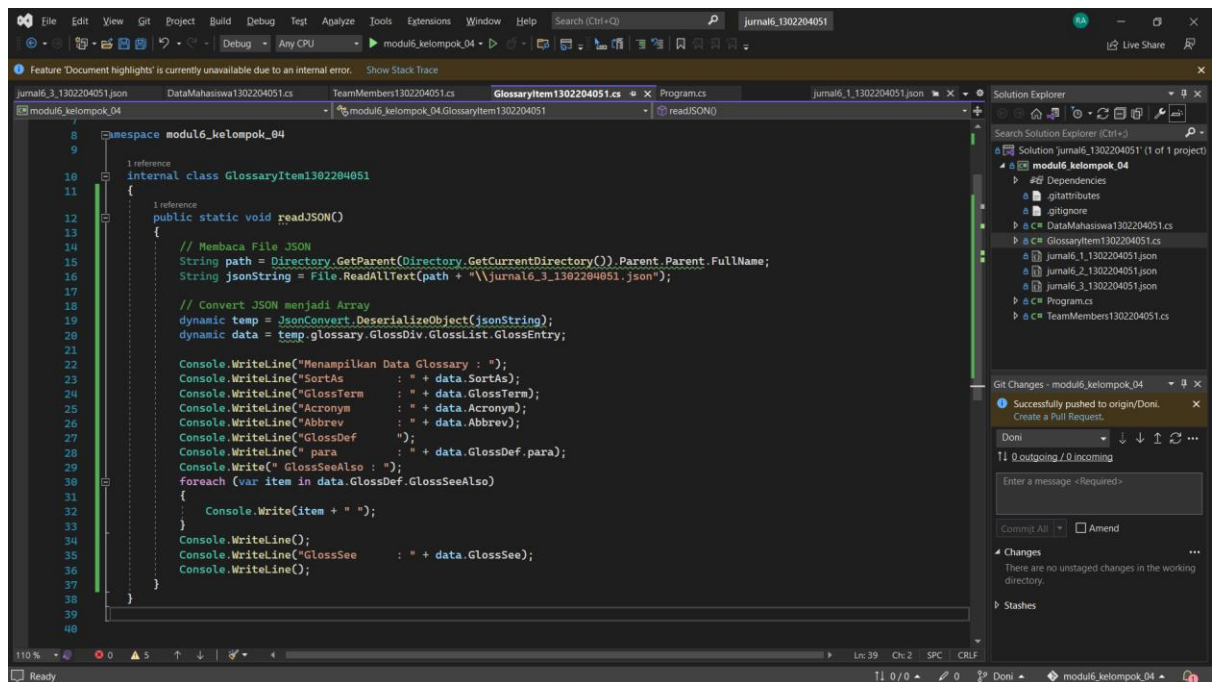
Class TeamMembers1302204051 :



```
1 using Newtonsoft.Json;
2 using System;
3 using System.Collections.Generic;
4 using System.Linq;
5 using System.Text;
6 using System.Threading.Tasks;
7
8 namespace modul6_kelompok_04
9 {
10     1 reference
11     internal class TeamMembers1302204051
12     {
13         1 reference
14         public static void readJSON()
15         {
16             // Membaca File JSON
17             String path = Directory.GetParent(Directory.GetCurrentDirectory()).Parent.Parent.FullName;
18             String jsonString = File.ReadAllText(path + "\\jurnal6_2_1302204051.json");
19
20             // Convert JSON menjadi Array
21             dynamic data = JsonConvert.DeserializeObject(jsonString);
22
23             Console.WriteLine("Anggota Kelompok : ");
24             foreach (var item in data.members)
25             {
26                 Console.WriteLine(item.nim + " " + item.firstName + " " + item.lastName + "( " + item.age + " " + item.nim + " )");
27             }
28             Console.WriteLine();
29         }
30     }
31 }
```

Class TeamMembers1302204051, isinya hanya method readJSON() untuk menampilkan isi dari file jurnal6_2_1302204051.json menggunakan package Newtonsoft.Json;

Class GlossaryItem1302204051:



The screenshot shows the Visual Studio IDE with the file `GlossaryItem1302204051.cs` open. The code is written in C# and is part of the `modul6_kelompok_04` namespace. It defines an internal class `GlossaryItem1302204051` with a static method `readJSON()`. This method reads a JSON file named `jurnal6_3_1302204051.json`, deserializes it into a `GlossDiv` object, and then prints its contents to the console. The console output shows the sort order, glossary terms, acronyms, abbreviations, and definitions, along with a list of 'GlossSeeAlso' items.

```
8 namespace modul6_kelompok_04
9
10 internal class GlossaryItem1302204051
11 {
12     public static void readJSON()
13     {
14         // Membaca File JSON
15         String path = Directory.GetParent(Directory.GetCurrentDirectory()).Parent.Parent.FullName;
16         String jsonString = File.ReadAllText(path + "\\jurnal6_3_1302204051.json");
17
18         // Convert JSON menjadi Array
19         dynamic temp = JsonConvert.DeserializeObject(jsonString);
20         dynamic data = temp.glossary.GlossDiv.GlossList.GlossEntry;
21
22         Console.WriteLine("Menampilkan Data Glossary : ");
23         Console.WriteLine("SortAs : " + data.SortAs);
24         Console.WriteLine("GlossTerm : " + data.GlossTerm);
25         Console.WriteLine("Acronym : " + data.Acronym);
26         Console.WriteLine("Abbrev : " + data.Abbrev);
27         Console.WriteLine("GlossDef : ");
28         Console.WriteLine(" para : " + data.GlossDef.para);
29         Console.WriteLine(" GlossSeeAlso : ");
30         foreach (var item in data.GlossDef.GlossSeeAlso)
31         {
32             Console.WriteLine(item + " ");
33         }
34         Console.WriteLine();
35         Console.WriteLine("GlossSee : " + data.GlossSee);
36         Console.WriteLine();
37     }
38 }
39
40
```

Class `GlossaryItem1302204051`, isinya hanya method `readJSON()` untuk menampilkan isi dari file `jurnal6_3_1302204051.json` menggunakan package `Newtonsoft.Json`;