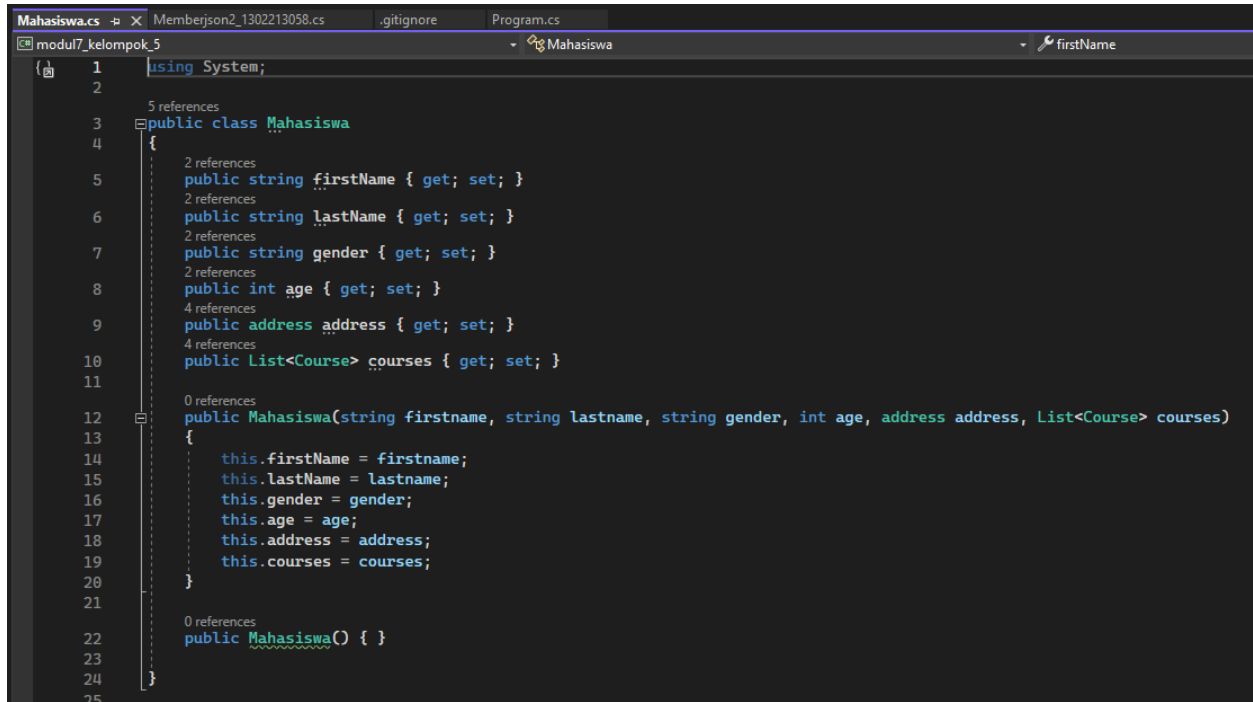


Link Github : https://github.com/kamalmlzka/modul7_kelompok_5

Jurnal Modul 7

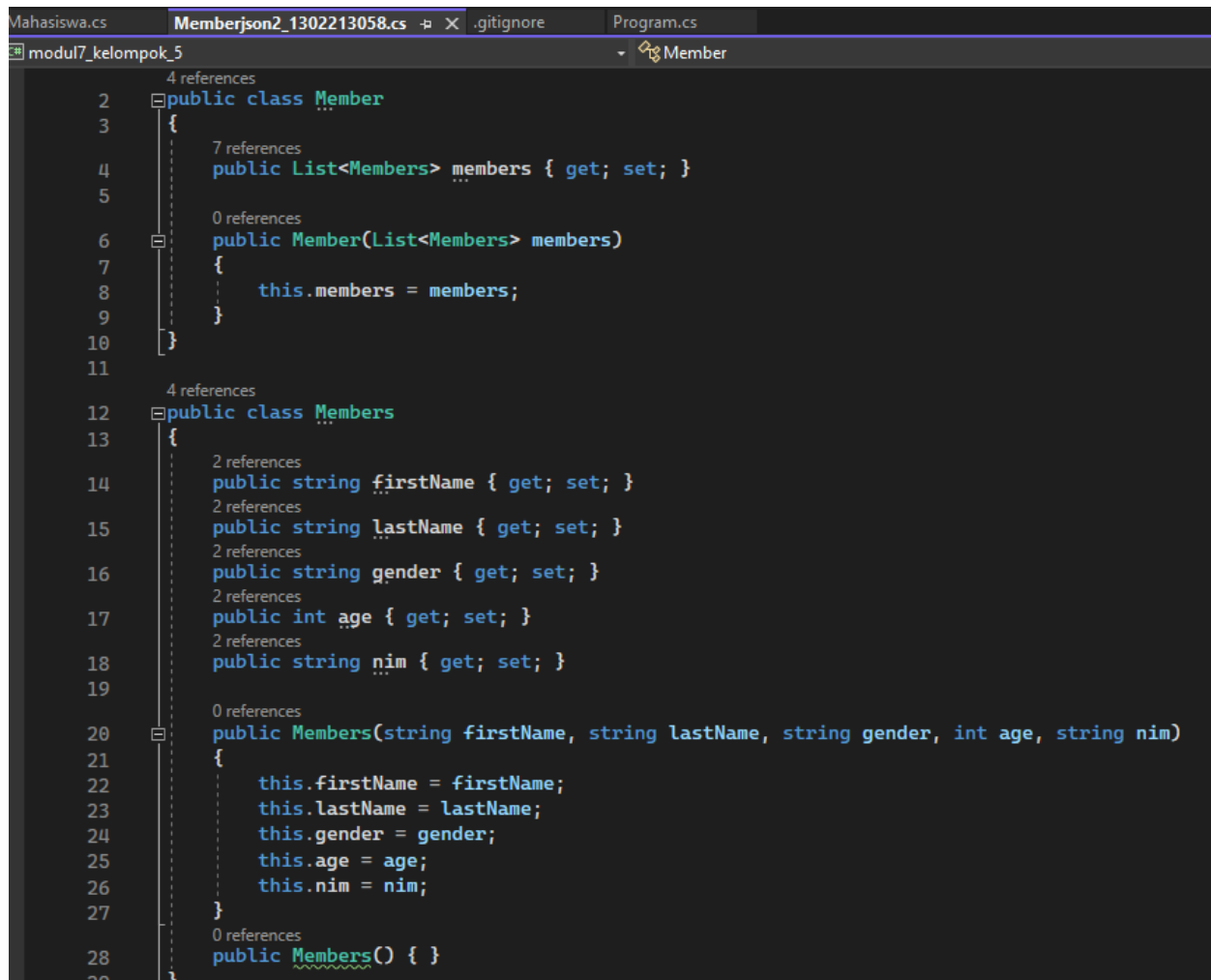
Class DataMahasiswa



```
1 using System;
2
3 public class Mahasiswa
4 {
5     public string firstName { get; set; }
6     public string lastName { get; set; }
7     public string gender { get; set; }
8     public int age { get; set; }
9     public address address { get; set; }
10    public List<Course> courses { get; set; }
11
12    public Mahasiswa(string firstname, string lastname, string gender, int age, address address, List<Course> courses)
13    {
14        this.firstName = firstname;
15        this.lastName = lastname;
16        this.gender = gender;
17        this.age = age;
18        this.address = address;
19        this.courses = courses;
20    }
21
22    public Mahasiswa() { }
23
24 }
25
```

Class mahasiswa memiliki beberapa atribut dan memanggil class address dan courses

Class TeamMember



```
2 public class Member
3 {
4     public List<Members> members { get; set; }
5
6     public Member(List<Members> members)
7     {
8         this.members = members;
9     }
10 }
11
12 public class Members
13 {
14     public string firstName { get; set; }
15     public string lastName { get; set; }
16     public string gender { get; set; }
17     public int age { get; set; }
18     public string nim { get; set; }
19
20     public Members(string firstName, string lastName, string gender, int age, string nim)
21     {
22         this.firstName = firstName;
23         this.lastName = lastName;
24         this.gender = gender;
25         this.age = age;
26         this.nim = nim;
27     }
28     public Members() { }
29 }
```

Class members memiliki beberapa atribut dan memanggil juga class members ada list nya

Main

```
Mahasiswa.cs  Memberjson2_1302213058.cs  .gitignore  Program.cs  X
modul7_kelompok5  program  Main(string[] args)

4 0 references
5 public class program
6 {
7     1 reference
8     public static Mahasiswa ReadJSON(string filename)
9     {
10         string posisifolder = ".";
11         string LetakFile = File.ReadAllText(posisifolder+"\\ "+filename);
12         return JsonSerializer.Deserialize<Mahasiswa>(LetakFile);
13     }
14
15     1 reference
16     public static Member readJSON(string filename)
17     {
18         string posisifolder = ".";
19         string hasilbaca = File.ReadAllText(posisifolder + "\\ " + filename);
20         return JsonSerializer.Deserialize<Member>(hasilbaca);
21     }
22
23     0 references
24     private static void Main(string[] args)
25     {
26         Mahasiswa Mhs = ReadJSON("Jurnal7_1_1302210104.json");
27
28         Console.WriteLine("Name : " + Mhs.firstName + " " + Mhs.lastName);
29         Console.WriteLine("Gender : " + Mhs.gender);
30         Console.WriteLine("Umur : " + Mhs.age);
31         Console.WriteLine("Alamat : " + Mhs.address.streetAddress + ", " + Mhs.address.city + ", " + Mhs.address.state);
32         Console.WriteLine("Courses : ");
33         for(int i = 0; i < Mhs.courses.Count; i++)
34         {
35             Console.WriteLine("Mata Kuliah " + (i + 1) + " : " + Mhs.courses[i].code + " " + Mhs.courses[i].name);
36         }
37         Console.WriteLine();
38
39         Member Members = readJSON("Jurnal7_2_1302213058.json");
40         for(int i = 0; i < Members.members.Count; i++)
41         {
42             Console.WriteLine("Nama Amal: " + Members.members[i].firstName + " Nama akhir: " + Members.members[i].lastName + " Kelamin: " + Members.members[i].gender + " Umur: " + Members.members[i].age);
43         }
44     }
45 }
```

Program main hingga deserialisasi 2 lanjutannya di link github