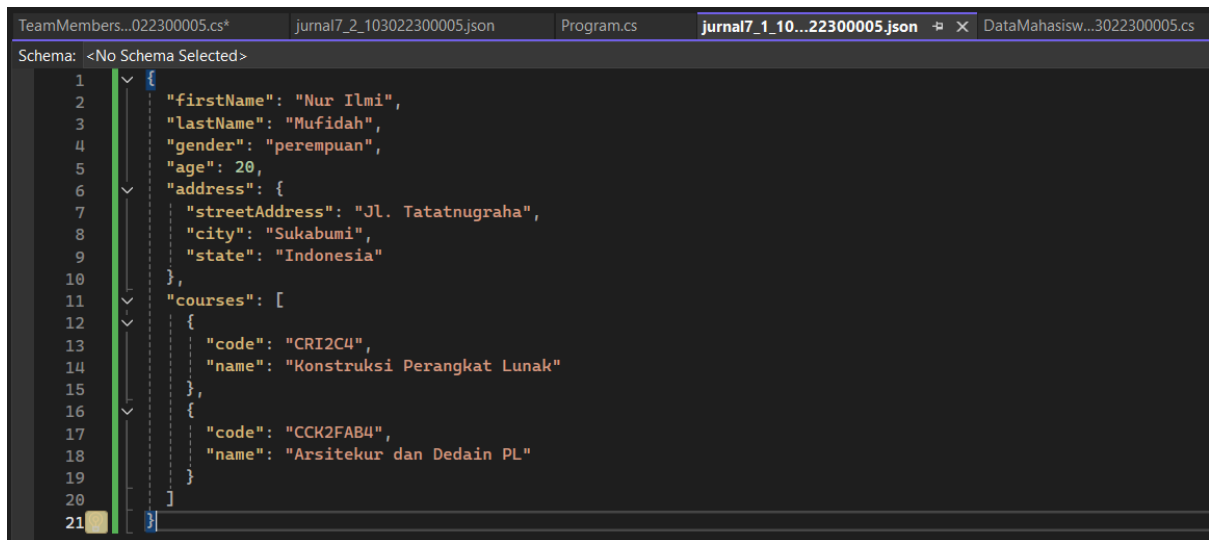Nama: Nur Ilmi Mufidah
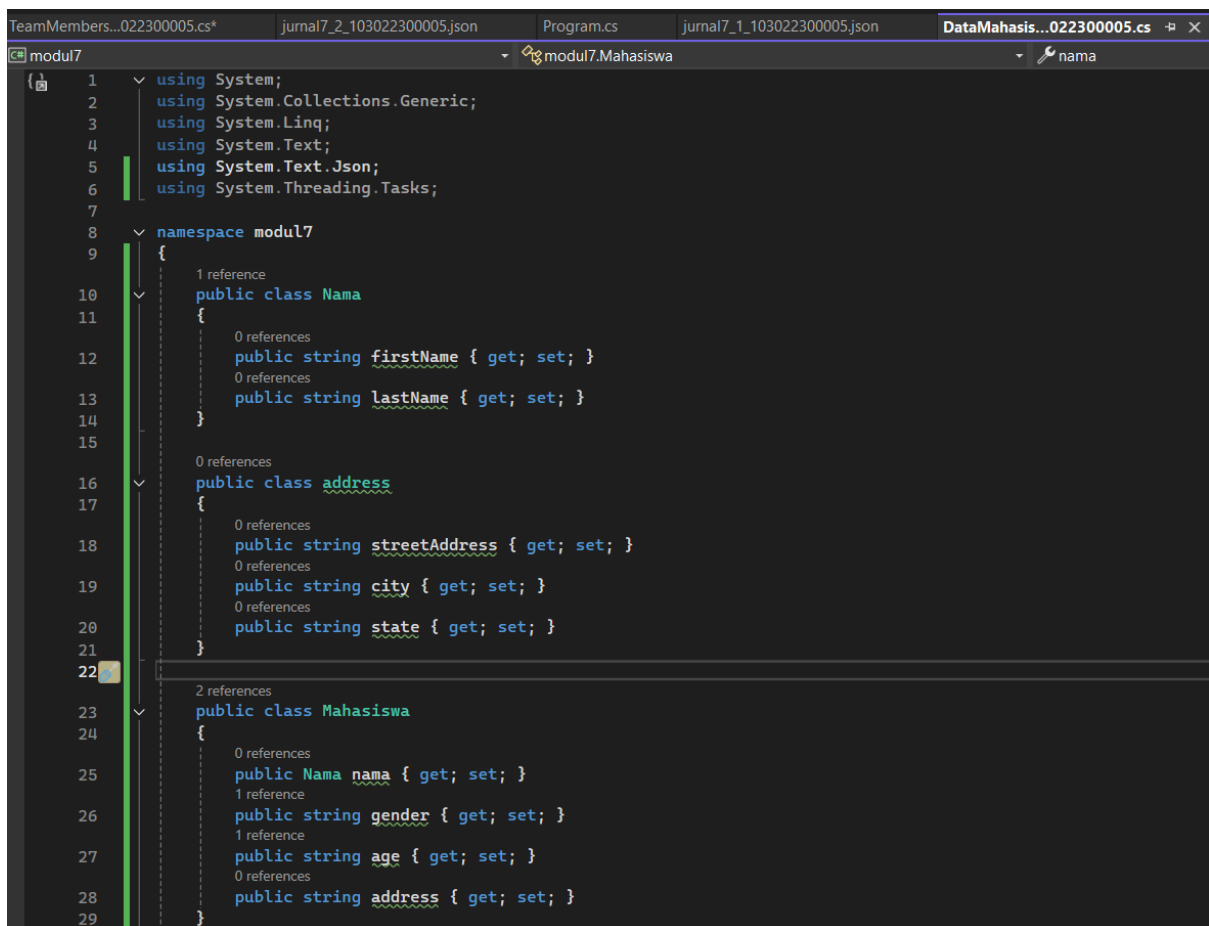
Nim: 103022300005

Kelas: SE-47-03

Link github: https://github.com/NicholIrawan/KPL_modul7.git

```json
{
    "firstName": "Nur Ilmi",
    "lastName": "Mufidah",
    "gender": "perempuan",
    "age": 20,
    "address": {
      "streetAddress": "Jl. Tatatnugraha",
      "city": "Sukabumi",
      "state": "Indonesia"
    },
    "courses": [
      {
        "code": "CRI2C4",
        "name": "Konstruksi Perangkat Lunak"
      },
      {
        "code": "CCK2FAB4",
        "name": "Arsitekur dan Dedain PL"
      }
    ]
}
```

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Text.Json;
using System.Threading.Tasks;

namespace modul7
{
    public class Nama
    {
        public string firstName { get; set; }
        public string lastName { get; set; }
    }

    public class address
    {
        public string streetAddress { get; set; }
        public string city { get; set; }
        public string state { get; set; }
    }

    public class Mahasiswa
    {
        public Nama nama { get; set; }
        public string gender { get; set; }
        public string age { get; set; }
        public string address { get; set; }
    }
```

```
30    class DataMahasiswa103022300005
31    {
          1 reference
32        public static void ReadJSON()
33        {
34            string filePath = "jurnal7_1_103022300005.json";
35
36            try
37            {
38                string jsonString = File.ReadAllText(filePath);
39                Mahasiswa mhs = JsonSerializer.Deserialize<Mahasiswa>(jsonString);
40
41                Console.WriteLine($"Nama {mhs.firstName} {mhs.lastName} gender {mhs.gender} umur {mhs.age} dan alamat {mhs.streetAddress} {mhs.city} {mhs.state}");
42            }
43            catch (Exception ex)
44            {
45                Console.WriteLine($"Terjadi error: {ex.Message}");
46            }
47        }
48    }
49 }
50
```

```
1    using System;
2
3    namespace modul7
4    {
         0 references
5        class Program
6        {
             0 references
7            static void Main(string[] args)
8            {
9                DataMahasiswa103022300005.ReadJSON();
10           }
11       }
12   }
```

Schema: <No Schema Selected>

```
1    {
2        "members" : [
3            {
4                "firstName": "Joe",
5                "lastName": "Jacob",
6                "gender": "male",
7                "age": 28,
8                "nim": "7349282382"
9            },
10           {
11               "firstName": "James",
12               "lastName": "Smooth",
13               "gender": "male",
14               "age": 32,
15               "nim": "5678568567"
16           },
17           {
18               "firstName": "Emily",
19               "lastName": "Kelies",
20               "gender": "female",
21               "age": 24,
22               "nim": "456754675"
23           }
24       ]
25   }
```

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Text.Json.Serialization;
using System.Threading.Tasks;

namespace modul7
{
    1 reference
    public class Anggota
    {
        [JsonPropertyName("firstName")]
        0 references
        public string firstName { get; set; }

        [JsonPropertyName("lastName")]
        0 references
        public string lastName { get; set; }

        [JsonPropertyName("gender")]
        0 references
        public string gender { get; set; }

        [JsonPropertyName("age")]
        0 references
        public string age { get; set; }

        [JsonPropertyName("nim")]
        0 references
        public string nim { get; set; }
    }
```

```csharp
    0 references
    public class DaftarMember
    {
        [JsonPropertyName("members")]
        0 references
        public List<Anggota> Members { get; set; }
    }
    0 references
    public class TeamMembers103022300005
    {
        0 references
        public static void ReadJSON()
        {
            string filePath = "jurnal7_2_103022300005.json";

            try
            {
                string jsonString =
            }
        }
    }
}
```