Nama: Hilmi Fauziyyah

Nim: 1302210081

LINK:

CODINGAN


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


namespace mod7_jurnal_1302210081
{
    6 references
    public class DataMahasiswa1302210081
    {
        2 references
        public string firstName { get; set; }
        2 references
        public string lastName { get; set; }
        1 reference
        public alamat address { get; set; }
        2 references
        public int age { get; set; }
        1 reference
        public string code { get; set; }
        1 reference
        public string matkul { get; set; }

        2 references
        public string gender { get; set; }
        1 reference
        public DataMahasiswa1302210081() { }
```
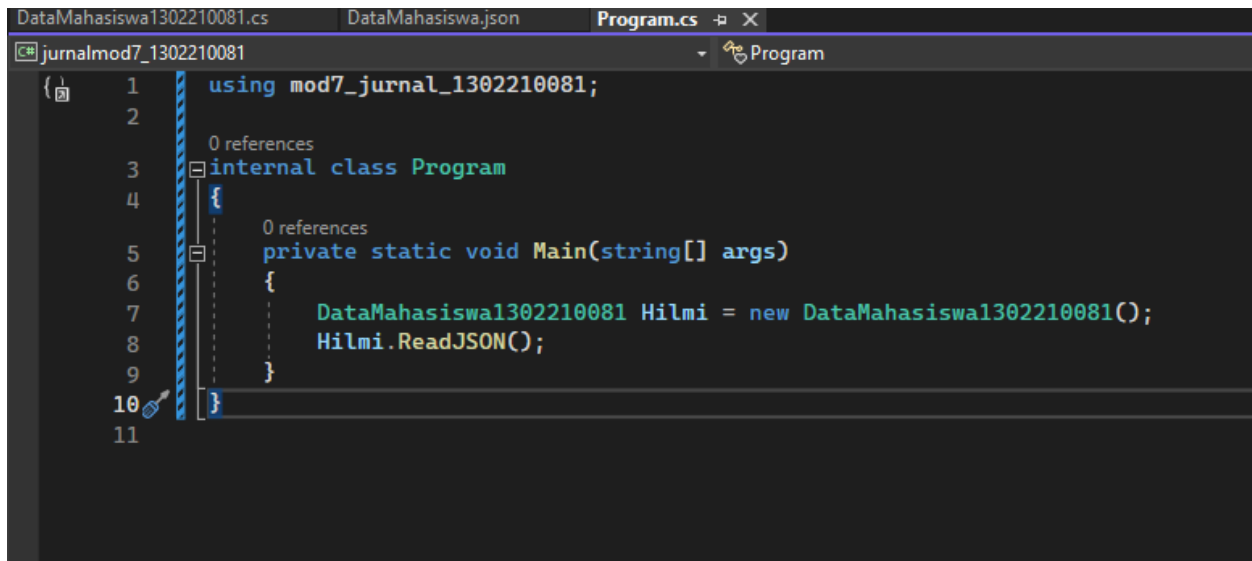


```csharp
        1 reference
        public DataMahasiswa1302210081() { }

        0 references
        public DataMahasiswa1302210081(string firstName, string lastName, string gender, int age, alamat address, string code, str
        {
            this.lastName = lastName;
            this.firstName = firstName;
            this.gender = gender;
            this.age = age;
            this.address= address;
            this.code = code;
            this.matkul = matkul;
        }
    4 references
    public class alamat
    {
        2 references
        public string streetAddress { get; set; }
        2 references
        public string city { get; set; }
        1 reference
        public string state { get; set; }
        0 references
        public alamat() { }
        0 references
        public alamat (string streetAddress, string city, string state)
        {
            this.streetAddress = streetAddress;
            this.city = city;
            this.state = state;
        }
    }
}
```

```csharp
                    1 reference
 50             public void ReadJSON()
 51             {
 52                 string file = ("C:\\Users\\PRAKTIKAN\\Documents\\modul7_jurnal_kelompok_6\\jurnalmod7_1302210081\\jurnalmod7_1302210081\\DataMahas
 53                 string JSON = File.ReadAllText(file);
 54                 DataMahasiswa1302210081 M = JsonSerializer.Deserialize<DataMahasiswa1302210081>(JSON);
 55                 Console.WriteLine($"Nama : {M.firstName + " " + M.lastName}");
 56                 Console.WriteLine($"Umur : {M.age}");
 57                 Console.WriteLine($"Gender : {M.gender}");
 58                 Console.WriteLine($"Alamat: jalan {M.address.streetAddress}, kota {M.address.city}");
 59             }
 60
 61         }
 62     }
 63
 64
```

DataMahasiswa1302210081.cs   DataMahasiswa.json ⊣ ✕   Program.cs

Schema: <No Schema Selected>
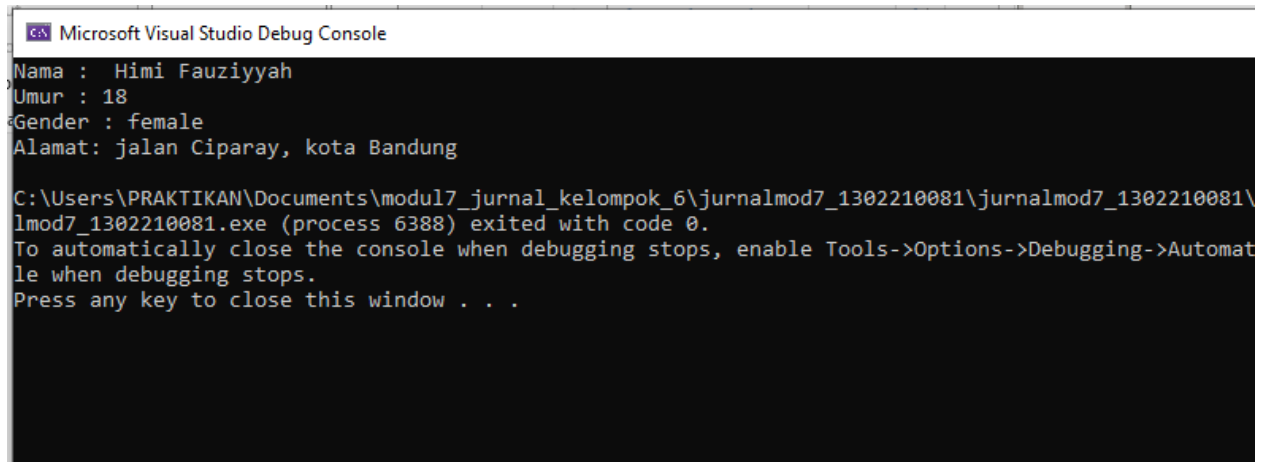
```json
 1  {
 2       "firstName": "Himi",
 3       "lastName": "Fauziyyah",
 4       "gender": "female",
 5       "age": 18,
 6       "address": {
 7         "streetAddress": "Ciparay",
 8         "city": "Bandung",
 9         "state": "West Java"
10       },
11       "courses": [
12         {
13           "code": "CRI2C4",
14           "name": "Konstruksi Perangkat Lunak"
15         },
16         {
17           "code": "CRI2E4",
18           "name": "Basis Data"
19         }
20       ]
21  }
22
```

```
DataMahasiswa1302210081.cs     DataMahasiswa.json     Program.cs + X
C# jurnalmod7_1302210081                          - Program
  {          1        using mod7_jurnal_1302210081;
             2
                      0 references
             3        internal class Program
             4        {
                          0 references
             5            private static void Main(string[] args)
             6            {
             7                DataMahasiswa1302210081 Hilmi = new DataMahasiswa1302210081();
             8                Hilmi.ReadJSON();
             9            }
            10        }
            11
```

Hasil


```
cs Microsoft Visual Studio Debug Console
Nama :  Himi Fauziyyah
Umur : 18
Gender : female
Alamat: jalan Ciparay, kota Bandung

C:\Users\PRAKTIKAN\Documents\modul7_jurnal_kelompok_6\jurnalmod7_1302210081\jurnalmod7_1302210081\
lmod7_1302210081.exe (process 6388) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automat
le when debugging stops.
Press any key to close this window . . .
```

NO2

```json
{
  "members": [
    {
      "firstName": "Marsya",
      "lastName": "Rayani",
      "gender": "female",
      "age": 28,
      "nim": "1302213003"
    },
    {
      "firstName": "Hilmi",
      "lastName": "Fauiyyah",
      "gender": "female",
      "age": 32,
      "nim": "1302210081"
    },
    {
      "firstName": "ibrahim",
      "lastName": "mulyo",
      "gender": "male",
      "age": 24,
      "nim": "1302210022"
    }
  ]
}
```