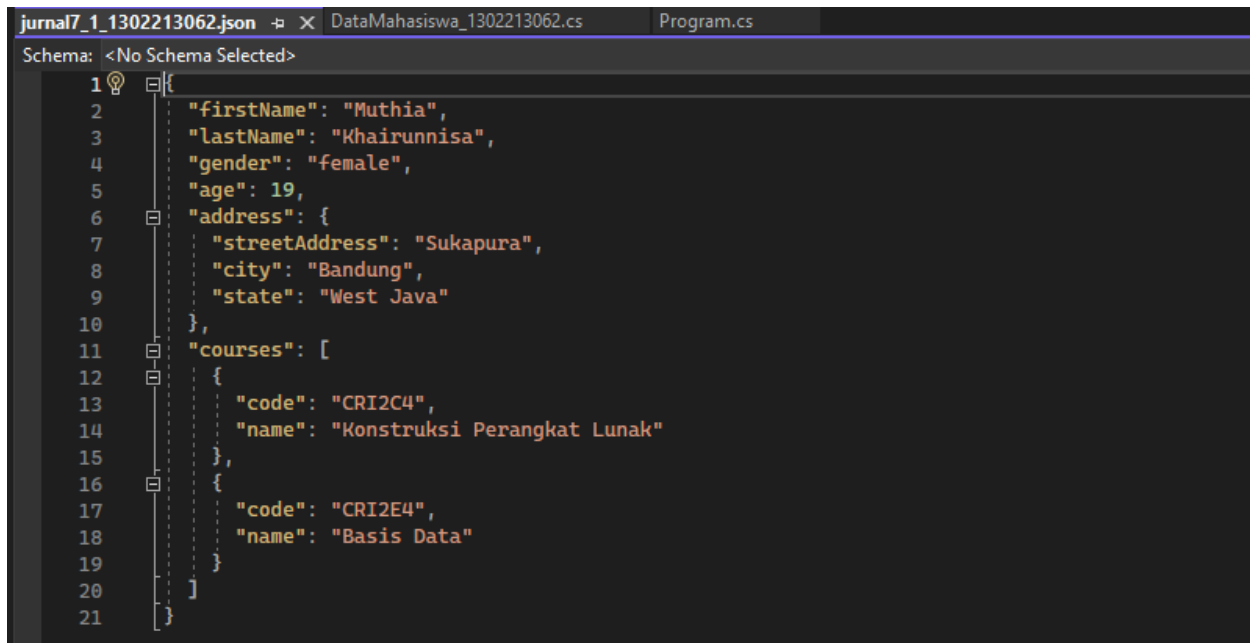


Nama : Muthia Khairunnisa

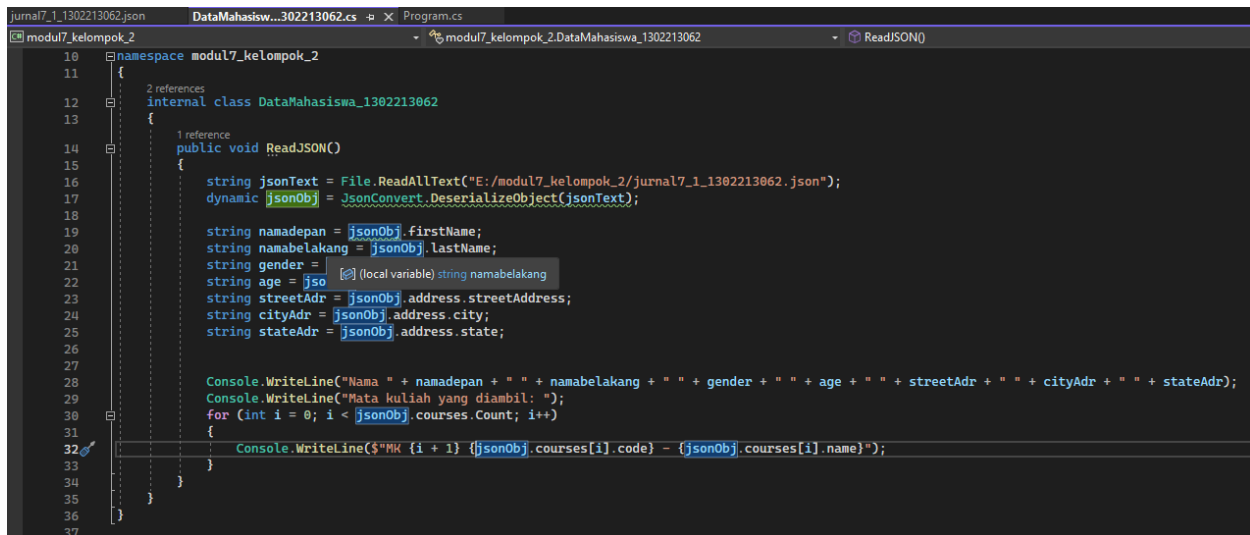
Kelas : SE4502

NIM : 1302213062

Link Github : [Lawson-Group/modul7: JSON Deserialization \(github.com\)](https://github.com/Lawson-Group/modul7: JSON Deserialization)

A screenshot of a code editor showing a JSON file named 'jurnal7\_1\_1302213062.json'. The JSON content is as follows:

```
1 {
2   "firstName": "Muthia",
3   "lastName": "Khairunnisa",
4   "gender": "female",
5   "age": 19,
6   "address": {
7     "streetAddress": "Sukapura",
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 }
```

A screenshot of a code editor showing a C# program in a namespace 'modul7\_kelompok\_2'. The code reads the JSON file and deserializes it into a dynamic object, then prints the data to the console.

```
10 namespace modul7_kelompok_2
11 {
12     2 references
13     internal class DataMahasiswa_1302213062
14     {
15         1 reference
16         public void ReadJSON()
17         {
18             string jsonText = File.ReadAllText("E:/modul7_kelompok_2/jurnal7_1_1302213062.json");
19             dynamic jsonObj = JsonConvert.DeserializeObject(jsonText);
20
21             string namadepan = jsonObj.firstName;
22             string namabelakang = jsonObj.lastName;
23             string gender = jsonObj.gender;
24             string age = jsonObj.age;
25             string streetAdr = jsonObj.address.streetAddress;
26             string cityAdr = jsonObj.address.city;
27             string stateAdr = jsonObj.address.state;
28
29             Console.WriteLine("Nama " + namadepan + " " + namabelakang + " " + gender + " " + age + " " + streetAdr + " " + cityAdr + " " + stateAdr);
30             Console.WriteLine("Mata kuliah yang diambil: ");
31             for (int i = 0; i < jsonObj.courses.Count; i++)
32             {
33                 Console.WriteLine($"MK {i + 1} {jsonObj.courses[i].code} - {jsonObj.courses[i].name}");
34             }
35         }
36     }
37 }
```

```
jurnal7_1_1302213062.json  DataMahasiswa_1302213062.cs  Program.cs  X
modul7_kelompok_2  main
{
1  using modul7_kelompok_2;
2
3  0 references
  class main
4  {
5      0 references
      public static void Main(String[] args)
6      {
7          DataMahasiswa_1302213062 Dt = new DataMahasiswa_1302213062();
8          Dt.ReadJSON();
9      }
10 }
11
```