

Link Github: [Nizar-Rasyiid/modul7_kelompok_2\(github.com\)](https://github.com/Nizar-Rasyiid/modul7_kelompok_2)

```
namespace modul7_1302220037_Nizar_Rasyiid_AFH
{
    3 references
    internal class Mahasiswa
    {
        1 reference
        public String firstName { get; set; }
        1 reference
        public String lastName { get; set; }
        1 reference
        public String gender { get; set; }
        1 reference
        public int age { get; set; }

        3 references
        public Address address { get; set; }
        2 references
        public List<Courses> courses { get; set; }
    }
}
```

```
namespace modul7_1302220037_Nizar_Rasyiid_AFH
{
    1 reference
    internal class Address
    {
        1 reference
        public String streetAddress { get; set; }
        1 reference
        public String city { get; set; }
        1 reference
        public String state { get; set; }
    }
}
```

```
namespace modul7_1302220037_Nizar_Rasyiid_AFH
{
    1 reference
    internal class Courses
    {
        1 reference
        public String code { get; set; }
        1 reference
        public String name { get; set; }
    }
}
```

```

namespace modul7_1302220037_Nizar_Rasyiid_AFH
{
    1 reference
    internal class DataMahasiswa_1302223116
    {
        static String json = File.ReadAllText(@"./jurnal7_1_1302223116.json");
        static Mahasiswa mahasiswa = new Mahasiswa();

        1 reference
        public static void readJson()
        {
            mahasiswa = JsonSerializer.Deserialize<Mahasiswa>(json);
            Console.WriteLine(mahasiswa.firstName);
            Console.WriteLine(mahasiswa.lastName);
            Console.WriteLine(mahasiswa.gender);
            Console.WriteLine(mahasiswa.age);
            Console.WriteLine(mahasiswa.address.streetAddress);
            Console.WriteLine(mahasiswa.address.city);
            Console.WriteLine(mahasiswa.address.state);
            Console.WriteLine(mahasiswa.courses.ElementAt(0).code);
            Console.WriteLine(mahasiswa.courses.ElementAt(0).name);
        }
    }
}

```

```

0 references
internal class Program
{
    0 references
    private static void Main(string[] args)
    {
        DataMahasiswa_1302223116.readJson();
    }
}

```

Microsoft Visual Studio Debug Console

```

Matthew
Theodore
male
19
Sawo Sari Barat
Salatiga
Central Java
CRI2C4
Konstruksi Perangkat Lunak

```

JsonDeserialization2

```

TeamMembers.cs  Members.cs  TeamMembers_1302223116.cs
DataMahasisw...1302223116.cs  Courses.cs  Program.cs
C# modul7_1302220037_Nizar Rasyiid_AFH  modul7_1302220
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Text;
5  using System.Threading.Tasks;
6
7  namespace modul7_1302220037_Nizar_Rasyiid_AFH
8  {
9      3 references
10     internal class TeamMembers
11     {
12         public Members members;
13     }
14

```

```

TeamMembers.cs  Members.cs  TeamMembers_1302223116.cs  jurn
DataMahasisw...1302223116.cs  Courses.cs  Program.cs
C# modul7_1302220037_Nizar Rasyiid_AFH  modul7_1302220037_Niza
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Text;
5  using System.Threading.Tasks;
6
7  namespace modul7_1302220037_Nizar_Rasyiid_AFH
8  {
9      3 references
10     internal class Members
11     {
12         1 reference
13         public String firstName { get; set; }
14         1 reference
15         public String lastName { get; set; }
16         0 references
17         public String gender { get; set; }
18         1 reference
19         public int age { get; set; }
20         1 reference
21         public string nim { get; set; }
22     }
23 }

```

```
TeamMembers.cs  Members.cs  TeamMember...02223116.cs  jurnal7_2_1302223116.json
DataMahasisw...1302223116.cs  Courses.cs  Program.cs
modul7_1302220037_Nizar Rasyiid_AFH  modul7_1302220037_Nizar_Rasyiid_AFH.TeamMen

7
8  namespace modul7_1302220037_Nizar_Rasyiid_AFH
9  {
10     1 reference
11     internal class TeamMembers_1302223116
12     {
13         static String json = File.ReadAllText(@"../jurnal7_2_1302223116.json");
14         static TeamMembers teamMembers= new TeamMembers();
15
16         1 reference
17         public static void readJson()
18         {
19             teamMembers = JsonSerializer.Deserialize<TeamMembers>(json);
20             Console.WriteLine(teamMembers.members.firstName);
21             Console.WriteLine(teamMembers.members.lastName);
22             Console.WriteLine(teamMembers.members.gender);
23             Console.WriteLine(teamMembers.members.age);
24             Console.WriteLine(teamMembers.members.nim);
25         }
26     }
}
```