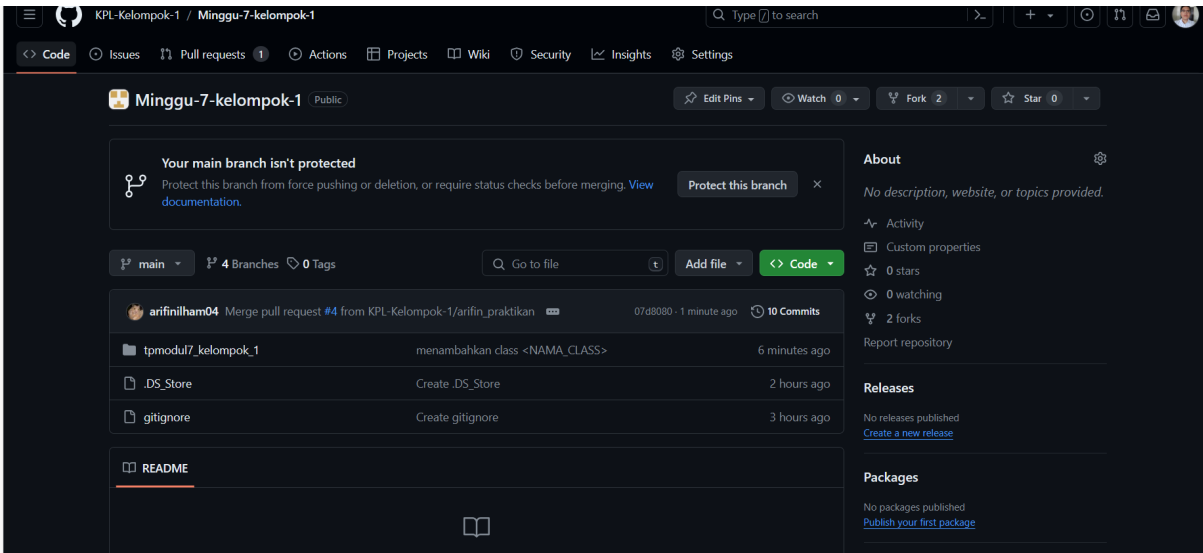


Nama : Rafie aydin ihsan

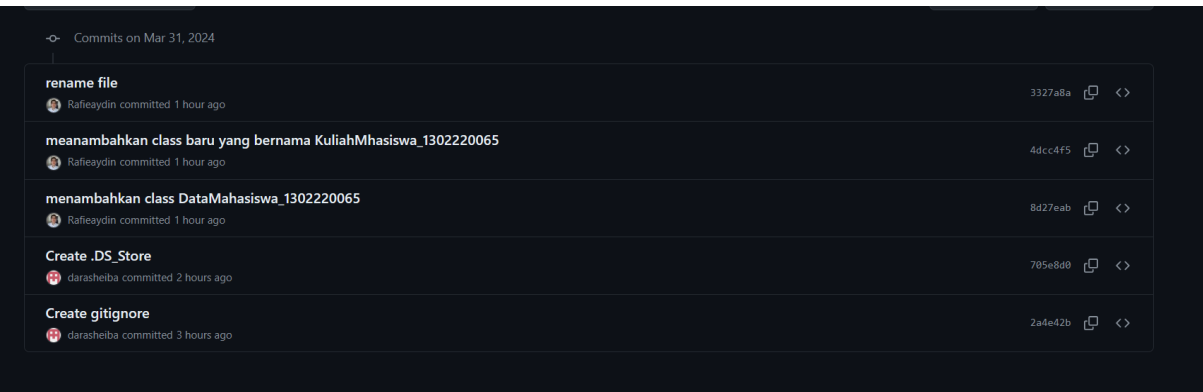
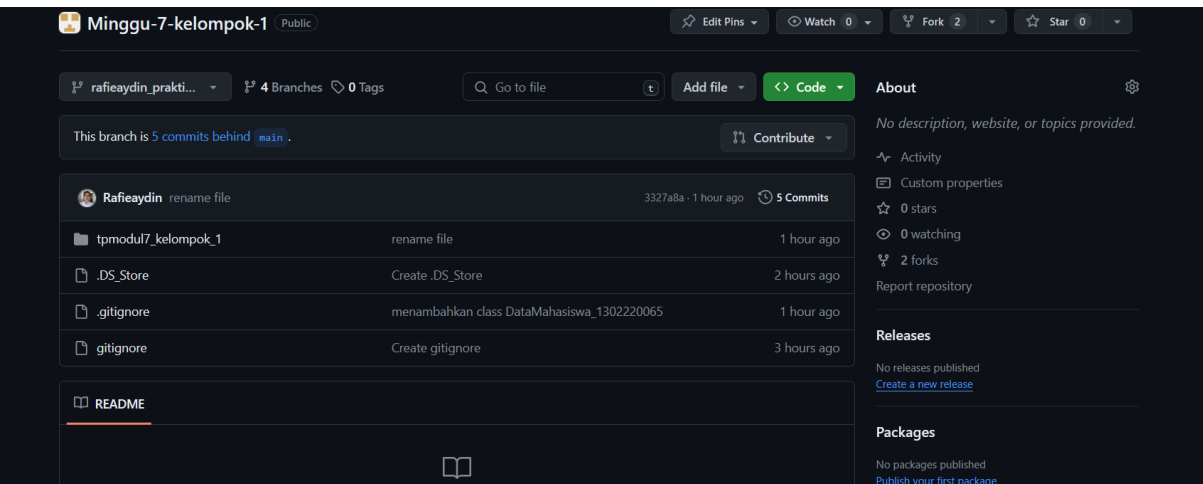
Mata Kuiah : Praktikum KPL

Kelompok 1

Github repo : [KPL-Kelompok-1/Minggu-7-kelompok-1 \(github.com\)](https://github.com/KPL-Kelompok-1/Minggu-7-kelompok-1)



Branch : rafie aydin praktikan



2. menambahkan json serialization

```

6  using System.Threading.Tasks;
7
8  namespace TPM0087
9  {
10     2 references
11     internal class DataMahasiswa_1302220065
12     {
13         3 references
14         public detail_name nama { set; get; }
15         public string nim;
16         2 references
17         public string fakultas { set; get; }
18
19         0 references
20         public void getNama()
21         {
22             Console.WriteLine(this.nama);
23         }
24
25         0 references
26         public void getNim()
27         {
28             Console.WriteLine(nim);
29         }
30
31         0 references
32         public void getFakultas()
33         {
34             Console.WriteLine("here");
35             Console.WriteLine(fakultas);
36         }
37
38         1 reference
39         public void details()
40         {
41             Console.WriteLine("Nama : " + nama.depan + " " + nama.belakang);
42             Console.WriteLine(" , NIM : " + nim);
43             Console.WriteLine(" , Fakultas : " + fakultas);
44         }
45     }
46
47     1 reference
48     internal class detail_name
49     {
50         public string depan;
51         public string belakang;
52     }
53 }

```

```

namespace TP0007
{
    5 references
    internal class KuliahMahasiswa_1302220065
    {
        public List<detail_course> courses;
        public List<detail_course> courses_my_course;
        //public detail_course[] courses = new detail_course[50];

        0 references
        public void addCourse(string code, string nama)
        {
            detail_course course = new detail_course();
            course.code = code;
            course.name = nama;
            courses.Add(course);
        }

        0 references
        public void addMyCourse()
        {
        }

        1 reference
        public void changeToMyCourse(KuliahMahasiswa_1302220065 c) {
            this.courses_my_course = c.GetCourses();
        }

        2 references
        public void PrintCourses()
        {
            int i = 0;
            Console.WriteLine("");
            foreach (var x in this.courses)
            {
                Console.WriteLine(x.code + "-" + x.name);
            }
        }

        1 reference
        public List<detail_course> GetCourses()
        {
            return courses_my_course;
        }
    }

    5 references
    internal class detail_course
    {
        public string code;
        public string name;
    }
}

```

Matkul.json

```
{
  "courses": [
    {
      "code": "CRI2C4",
      "name": "Konstruksi Perangkat Lunak"
    },
    {
      "code": "CRJ203",
      "name": "Dasar Jaringan Komputer"
    },
    {
      "code": "CRJ2G3",
      "name": "Pengalaman Pengguna"
    },
    {
      "code": "CII3B4",
      "name": "PBO"
    },
    {
      "code": "kode_matkul_5",
      "name": "nama_matkul_5"
    },
    {
      "code": "kode_matkul_6",
      "name": "nama_matkul_6"
    },
    {
      "code": "kode_matkul_7",
      "name": "nama_matkul_7"
    }
  ]
}
```

Tp7\_1\_1302220065.json

```
na. <No Schema Selected>
{
  "nama": {
    "depan": "John",
    "belakang": "Barak"
  },
  "nim": "0101019263",
  "fakultas": "informatika"
}
```

Tp7\_2\_1302220065.json

nama: <No Schema Selected>

```
1  {
2  }
3  {
4  }
5  {
6  }
7  {
8  }
9  {
10 }
11 {
12 }
13 {
14 }
15 {
16 }
17 {
18 }
19 {
20 }
21 {
22 }
23 {
24 }
25 {
26 }
27 {
28 }
29 {
30 }
31 }
32 }
```

## Program.cs

```
0 references
class Program
{
    0 references
    static void Main(string[] args)
    {
        // read json file
        string json = File.ReadAllText("C:\\Users\\USER\\Documents\\Muliah\\Semester 4\\KPL\\Praktikum\\TPMOD07\\TPMOD07\\tp7_1_1302220065.json");

        var options = new JsonSerializerOptions
        {
            IncludeFields = true
        };

        DataMahasiswa_1302220065 data = JsonSerializer.Deserialize<DataMahasiswa_1302220065>(json, options);
        data.details();
        //File.WriteAllText("C:\\Users\\USER\\Documents\\Muliah\\Semester 4\\KPL\\Praktikum\\TPMOD07\\TPMOD07\\tp7_1_1302220065.json",);

        string Default_Course = File.ReadAllText("C:\\Users\\USER\\Documents\\Muliah\\Semester 4\\KPL\\Praktikum\\TPMOD07\\TPMOD07\\tp7_2_1302220065.json");
        MuliahMahasiswa_1302220065 data2 = JsonSerializer.Deserialize<MuliahMahasiswa_1302220065>(Default_Course, options);
        data2.PrintCourses();

        string MyCourse = File.ReadAllText("C:\\Users\\USER\\Documents\\Muliah\\Semester 4\\KPL\\Praktikum\\TPMOD07\\TPMOD07\\matkul.json");
        MuliahMahasiswa_1302220065 data3 = JsonSerializer.Deserialize<MuliahMahasiswa_1302220065>(MyCourse, options);
        data3.PrintCourses();
        data2.ChangeToMyCourse(data3);

        string new_Course = JsonSerializer.Serialize(data3, options);
        File.WriteAllText("C:\\Users\\USER\\Documents\\Muliah\\Semester 4\\KPL\\Praktikum\\TPMOD07\\TPMOD07\\tp7_2_1302220065.json", new_Course);
    }
}
```

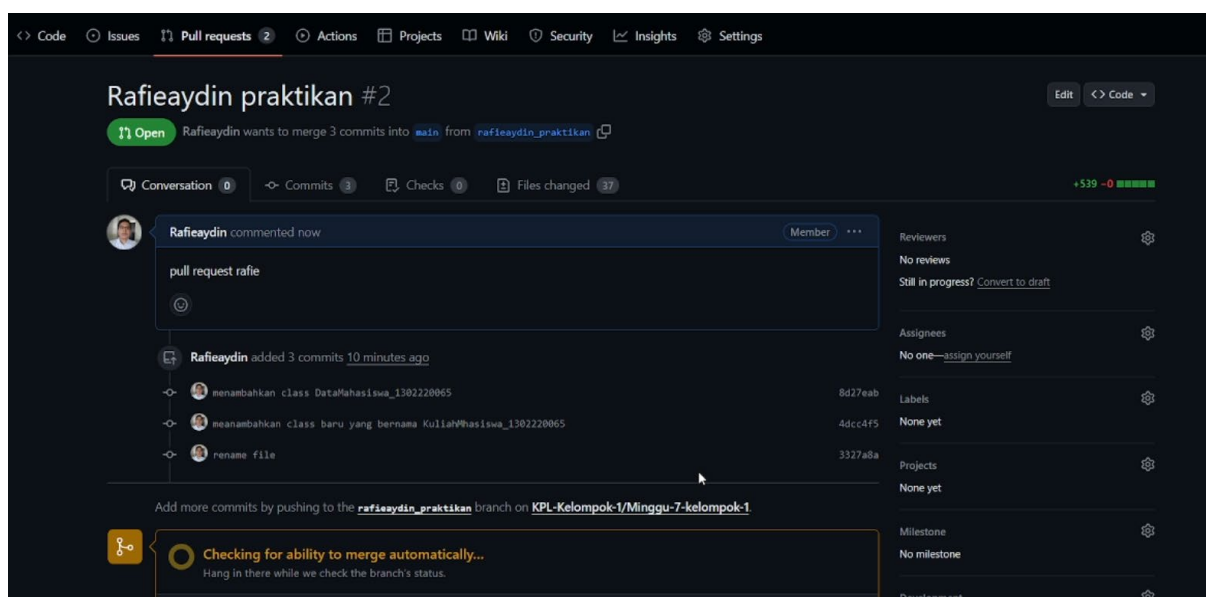
Output :

```
Nama : John Barak , NIM : 0101019263 , Fakultas : informatika
CRI2C4-Konstruksi Perangkat Lunak
CRJ203-Dasar Jaringan Komputer
CRJ2G3-Pengalaman Pengguna
CII3B4-PBO
kode_matkul_5-nama_matkul_5
kode_matkul_6-nama_matkul_6
kode_matkul_7-nama_matkul_7

CRI2C4-Konstruksi Perangkat Lunak
CRJ203-Dasar Jaringan Komputer
CRJ2G3-Pengalaman Pengguna
CII3B4-PBO
kode_matkul_5-nama_matkul_5
kode_matkul_6-nama_matkul_6
kode_matkul_7-nama_matkul_7
```

## 6. MELAKUKAN PULL REQUEST PADA GITHUB

- A. Pada halaman github, buatlah sebuah pull request untuk melakukan merge dari branch yang praktikan buat sebelumnya ke branch master/main. Langkah-langkah pembuatan pull request dapat dilihat pada link berikut ini:



- B. Simulasikan bahwa proses review code yang ada di pull request dapat diterima dan siap untuk di-merge di branch master/main. Langkah-langkah untuk melakukan merge dapat dilihat pada link berikut ini:

KPL-Kelompok-1 / Minggu-7-kelompok-1

Q Type to search

+ -

🔍

👤

> Code

🕒 Issues

🔗 Pull requests 1

🔄 Actions

📁 Projects

📖 Wiki

🔒 Security

📊 Insights

⚙️ Settings

Rafieaydin praktikan #2

Edit <> Code

🔗 Merged

Rafieaydin merged 3 commits into `main` from `rafieaydin_praktikan` now

💬 Conversation 0

📄 Commits 3

🛡️ Checks 0

📄 Files changed 37

+539 -0

👤 Rafieaydin commented now

Member

...

pull request rafie

🕒

📄 Rafieaydin added 3 commits 11 minutes ago

👤 menambahkan class DataMahasiswa\_1302220065

Bd27eab

👤 menambahkan class baru yang bernama KuliahMahasiswa\_1302220065

Adcc4f5

👤 rename file

3327a8a

🔗 Rafieaydin merged commit `31c8a63` into `main` now

Revert

🔗 Pull request successfully merged and closed

You're all set—the `rafieaydin_praktikan` branch can be safely deleted.

Delete branch

Reviewers

No reviews

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.