

Nama : Soraya Haidar Salma
NIM : 1302223006
Kelas : SE-46-02

Praktikum KPL TP Modul 10

Link GitHub Repository : [sorayahaidars/tpmodul10_1302223006 \(github.com\)](https://github.com/sorayahaidars/tpmodul10_1302223006)

```
using System;
namespace tpmodul10_1302223006
{
    12 references
    public class Mahasiswa
    {
        1 reference
        public string Nama { get; set; }
        1 reference
        public string Nim { get; set; }

        6 references
        public Mahasiswa(string nama, string nim)
        {
            this.Nama = nama;
            this.Nim = nim;
        }
    }
}
```

Kode diatas merupakan implementasi kelas Mahasiswa

```

using Microsoft.AspNetCore.Mvc;

namespace tpmodul10_1302223006.Controllers
{
    [Route("api/[controller]")]
    [ApiController]
    0 references
    public class MahasiswaController : ControllerBase
    {
        public static List<Mahasiswa> dataMahasiswa = new List<Mahasiswa>
        {
            new Mahasiswa(Nama = "Soraya Haidar Salma", Nim = "1302223006"),
            new Mahasiswa(Nama = "Arinza Aurelvia", Nim = "1302220022"),
            new Mahasiswa(Nama = "Muhammad Daffa Fadillah", Nim = "1302223124"),
            new Mahasiswa(Nama = "Muhammad Hashfi Hadyan", Nim = "1302220079"),
            new Mahasiswa(Nama = "Muhammad Fauzan Majid", Nim = "1302220144"),
            new Mahasiswa(Nama = "Maulana Farras", Nim = "103022390001")
        };

        [HttpGet]
        0 references
        public IEnumerable<Mahasiswa> Get()
        {
            return dataMahasiswa;
        }

        [HttpPost]
        0 references
        public void Post([FromBody] Mahasiswa newvalue)
        {
            dataMahasiswa.Add(newvalue);
        }

        [HttpGet("{id}")]
        0 references
        public Mahasiswa Get(int id)
        {
            return dataMahasiswa[id];
        }

        [HttpDelete("{id}")]
        0 references
        public void Delete(int id)
        {
            dataMahasiswa.RemoveAt(id);
        }
    }
}

```

Kode diatas merupakan implementasi dari kelas MahasiswaController