

TP MODUL 8
RUNTIME CONFIGURATION DAN
INTERNATIONALIZATION



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PROGRAM STUDI S1 REKAYASA PERANGKAT LUNAK
TELKOM UNIVERSITY PURWOKERTO
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1. Melakukan commit

```
C:\Windows\system32\cmd.exe X + v
*****
** Visual Studio 2022 Developer Command Prompt v17.13.0
** Copyright (c) 2022 Microsoft Corporation
*****

C:\Users\Lenovo\source\repos\KPL_ALYA_RABANI_2311104076_SE-07-02\08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076>git add .

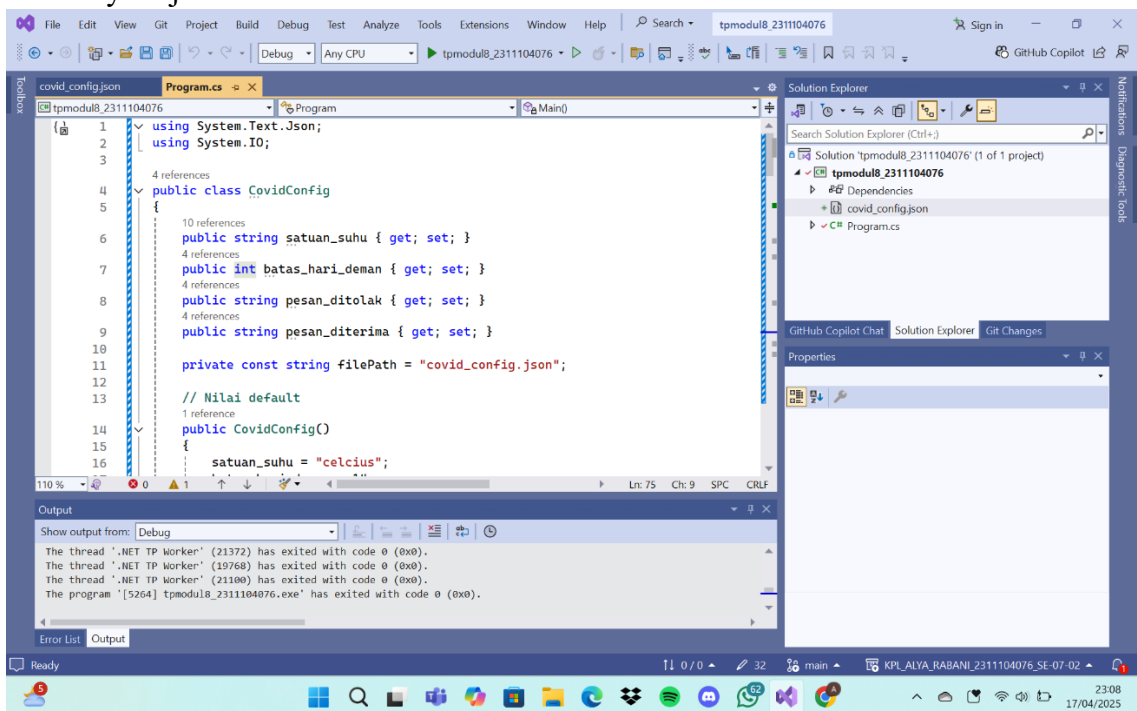
C:\Users\Lenovo\source\repos\KPL_ALYA_RABANI_2311104076_SE-07-02\08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076>git commit -m "commit pertama"
[main 5872eb4] commit pertama
23 files changed, 372 insertions(+)
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/.vs/ProjectEvaluation\tpmodul8_2311104076.metadata.v9.bin
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/.vs/ProjectEvaluation\tpmodul8_2311104076.projects.v9.bin
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/.vs/tpmodul8_2311104076/strings.v9.bin
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/.vs/tpmodul8_2311104076/DesignTimeBuild/dtbcache.v2.idx
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/.vs/tpmodul8_2311104076/v17.futdcache.v2
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/.vs/tpmodul8_2311104076/v17.suo
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/.vs/tpmodul8_2311104076/v17/DocumentLayout.backup.json
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/.vs/tpmodul8_2311104076/v17/DocumentLayout.json
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076.sln
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076/Program.cs
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076/obj/Debug/net8.0/.NETCoreApp,Version=v8.0.AssemblyAttributes.cs
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076/obj/Debug/net8.0/tpmodul8_2311104076.AssemblyInfo.cs
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076/obj/Debug/net8.0/tpmodul8_2311104076.GeneratedMSBuildEditorC
onfig.editorconfig
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076/obj/Debug/net8.0/tpmodul8_2311104076.GlobalUsings.g.cs
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076/obj/Debug/net8.0/tpmodul8_2311104076.assets.cache
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076/obj/project.assets.json
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076/obj/project.nuget.cache
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076/obj/tpmodul8_2311104076.csproj.nuget.dgspec.json
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076/obj/tpmodul8_2311104076.csproj.nuget.g.props
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076/obj/tpmodul8_2311104076.csproj.nuget.g.targets
create mode 100644 08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076/tpmodul8_2311104076/tpmodul8_2311104076.csproj

C:\Users\Lenovo\source\repos\KPL_ALYA_RABANI_2311104076_SE-07-02\08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076>git push origin main
Enumerating objects: 39, done.
Counting objects: 100% (39/39), done.
Delta compression using up to 12 threads
Compressing objects: 100% (35/35), done.
Writing objects: 100% (37/37), 55.41 KiB | 1.98 MiB/s, done.
Total 37 (delta 4), reused 5 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (4/4), completed with 1 local object.
To https://github.com/rabani_alya/KPL_ALYA_RABANI_2311104076_SE-07-02.git
00587b8..5872eb4 main -> main

C:\Users\Lenovo\source\repos\KPL_ALYA_RABANI_2311104076_SE-07-02\08_Runtime_Configuration_dan_Internationalization\tpmodul8_2311104076>
```

2. Implementasi runtime configuration

Program ini menyimpan konfigurasi dengan menggunakan file JSON. Dimana kalau ingin merubah nilai-nilainya tidak perlu merubah kodingan cukup dengan merubah file JSON nya saja.

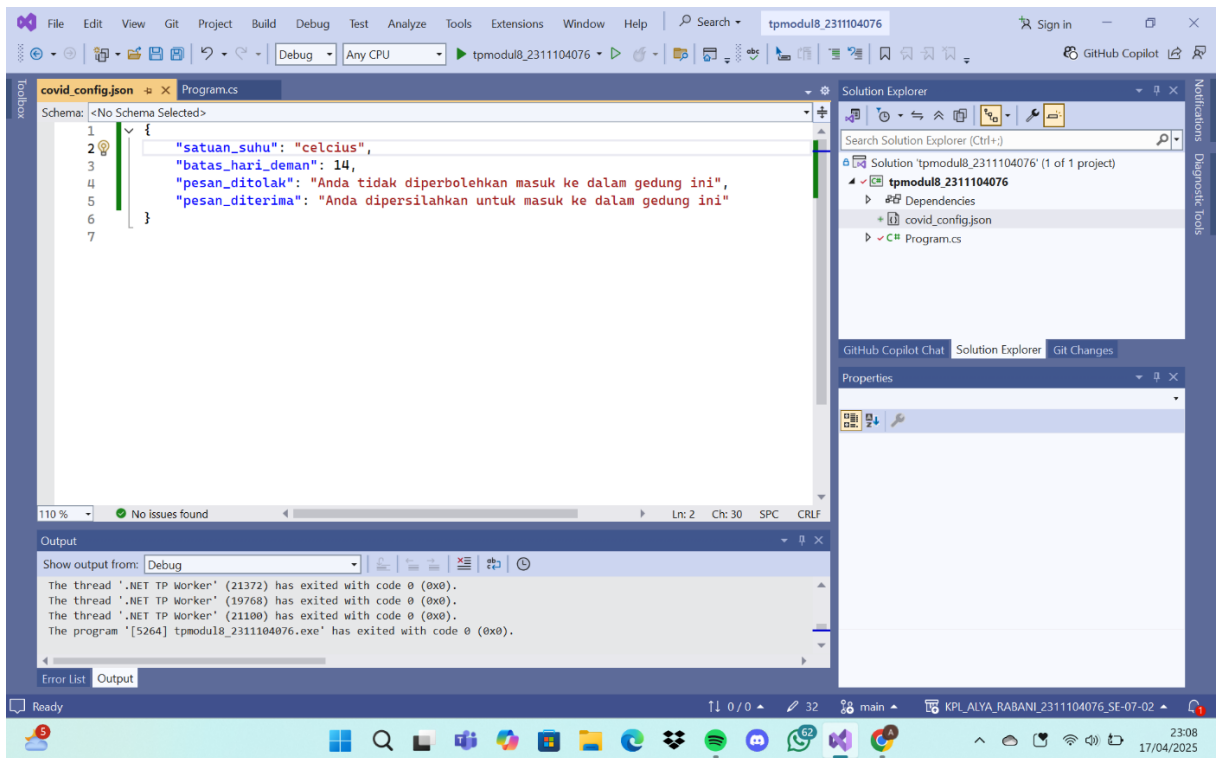


```
using System.Text.Json;
using System.IO;

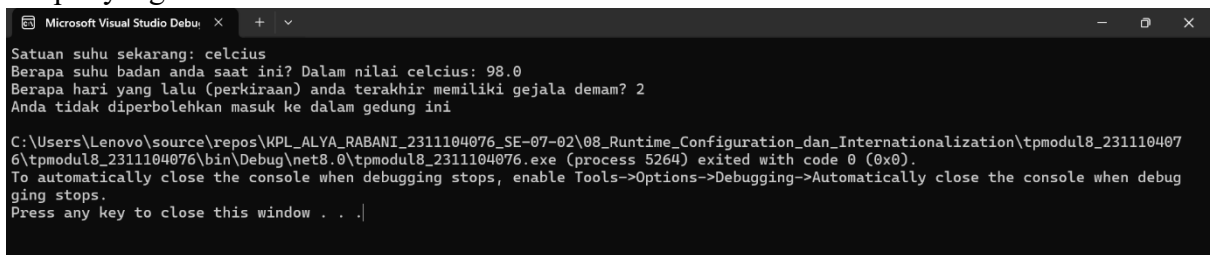
public class CovidConfig
{
    public string satuan_suhu { get; set; }
    public int batas_hari_deman { get; set; }
    public string pesan_ditolak { get; set; }
    public string pesan_diterima { get; set; }

    private const string filePath = "covid_config.json";

    // Nilai default
    public CovidConfig()
    {
        satuan_suhu = "celcius";
    }
}
```



Output yang dihasilkan:



- Melakukan commit
- Melakukan git add, commit dan push ke github

