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## 1. Program.cs

File ini berisi program utama aplikasi transfer bank.

## Fungsinya yaitu:

- 1. Membaca konfigurasi dari file JSON menggunakan class BankTransferConfig.
- 2. Meminta input jumlah uang, lalu menghitung biaya transfer berdasarkan aturan threshold.
- 3. Menampilkan daftar metode transfer dan meminta konfirmasi dari user.
- 4. Memberikan hasil akhir apakah transfer berhasil atau dibatalkan, tergantung input user.

ScreenShoot codingan:

```
| Salan System; | Salan System
```

## 2. BankTransferConfig.cs

File ini berisi class konfigurasi runtime.

Fungsinya:

1. Membaca dan menyimpan pengaturan dari file bank transfer config.json.

2. Menyediakan nilai default jika file JSON belum ada.

3. Menyimpan data seperti: bahasa (lang), ambang batas (threshold), biaya transfer (low fee, high fee), metode transfer, dan teks konfirmasi.

Screenshoot codingan:

```
using System;
using System.Collections.Generic;
using System.Ling;
using System.Text;
          using System.Text.Json;
using System.Threading.Tasks;
           namespace JM8
                class BankTransferConfig
                           9 references
public string lang { get; set; }
                           public Transfer transfer { get; set; }
                           public List<string> methods { get; set; }
                           public Confirmation confirmation { get; set; }
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                           private const string filePath = "bank_transfer_config.json";
                           public static BankTransferConfig LoadConfig()
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                                 if (File.Exists(filePath))
                                      string json = File.ReadAllText(filePath);
return JsonSerializer.DeserializeSankTransferConfig(json);
                                      var defaultConfig = new BankTransferConfig
                                            lang = "en",
                                            transfer = new Transfer { threshold = 25000000, low_fee = 6500, high_fee = 15000 },
methods = new List<string> { "RTO (real-time)", "SKN", "RTGS", "BI FAST" },
confirmation = new Confirmation { en = "yes", id = "ya" }
                                      defaultConfig.SaveConfig();
return defaultConfig;
                           1 reference
public void SaveConfig()
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                                 var json = JsonSerializer.Serialize(this, new JsonSerializerOptions { WriteIndented = true });
File.WriteAllText(filePath, json);
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                        public class Transfer
                              public int threshold { get; set; }
                              public int low_fee { get; set; }
                              public int high_fee { get; set; }
                        2 references
public class Confirmation
                              public string en { get; set; }
                               public string id { get; set; }
```

## Outputnya:

```
==== Bank Transfer Application ====

Please insert the amount of money to transfer:
>> 30000000
Transfer fee = 15000
Total amount = 30015000

Select transfer method:
1. RTO (real-time)
2. SKN
3. RTGS
4. BI FAST

Please type "yes" to confirm the transaction:
>> yes
The transfer is completed
```