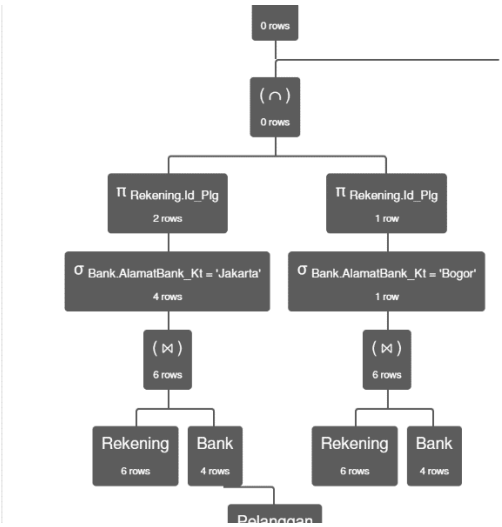
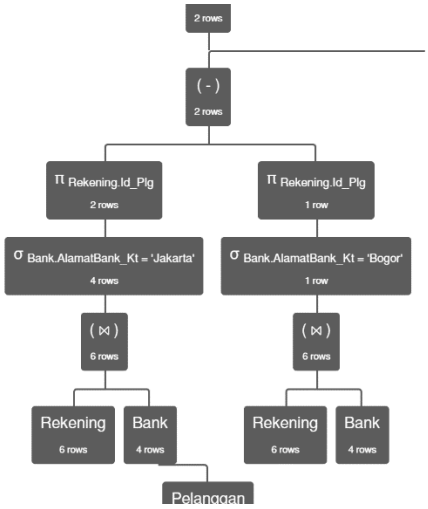
Nama : Muhammad Hargi Muttaqin
NIM : 191524027
D4-2A

1. (π Rekening.Id_Plg (σ Bank.AlamatBank_Kt='Jakarta' (Rekening ⋈ Bank)) ∩ π Rekening.Id_Plg (σBank.AlamatBank_Kt='Bogor' (Rekening ⋈ Bank))) ⋈ Pelanggan



2. (π Rekening.Id_Plg (σ Bank.AlamatBank_Kt='Jakarta' (Rekening ⋈ Bank)) - π Rekening.Id_Plg (σBank.AlamatBank_Kt='Bogor' (Rekening ⋈ Bank))) ⋈ Pelanggan



3. (π Rekening.Id_Plg (σ Bank.AlamatBank_Kt='Jakarta' ∨ Bank.AlamatBank_Kt='Bogor' (Rekening ⋈ Bank))) ⋈ Pelanggan

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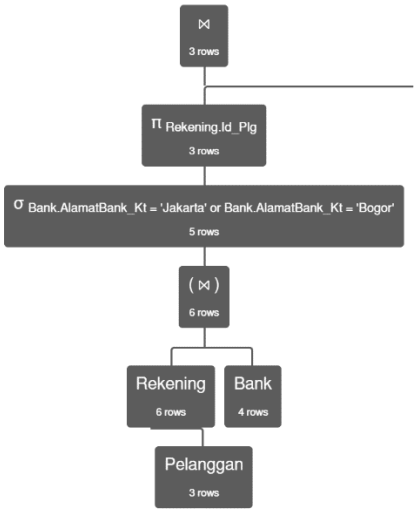
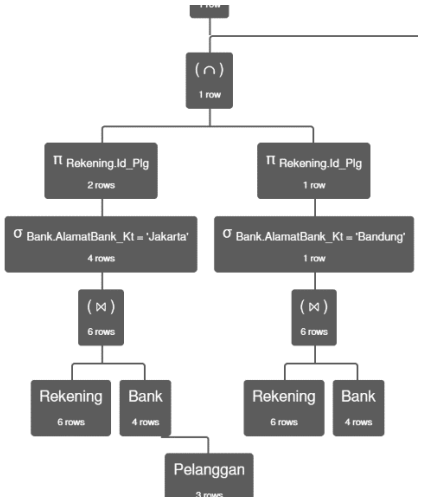


4. (π Rekening.Id_Plg (σ Bank.AlamatBank_Kt='Jakarta' (Rekening ⋈ Bank)) ∩ π Rekening.Id_Plg (σBank.AlamatBank_Kt='Bandung' (Rekening ⋈ Bank))) ⋈ Pelanggan



5. Dibagi menjadi beberapa fungsi :
    a. jakarta_count = π city_count (σ Bank.AlamatBank_Kt='Jakarta' (γ Bank.AlamatBank_Kt; count(Bank.AlamatBank_Kt)→city_count (Bank)))
    b. bank_count = γ Rekening.Id_Plg; count(Bank.Id_Bank)→unique_id_bank ((σ Bank.AlamatBank_Kt='Jakarta' (Bank)) ⋈ Rekening)
    c. π Rekening.Id_Plg (σ unique_id_bank=city_count (bank_count × jakarta_count)) ⋈ Pelanggan

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$$\pi_{\text{Rekening.Id_Plg}} (\sigma_{\text{unique_id_bank = city_count}} (\gamma_{\text{Rekening.Id_Plg; COUNT(Bank.Id_Bank)} \rightarrow \text{unique_id_bank}} ((\sigma_{\text{Bank.AlamatBank_Kt = 'Jakarta'}} (\text{Bank})) \bowtie \text{Rekening}) \times \pi_{\text{city_count}} (\sigma_{\text{Bank.AlamatBank_Kt = 'Jakarta'}} (\gamma_{\text{Bank.AlamatBank_Kt; COUNT(Bank.AlamatBank_Kt)} \rightarrow \text{city_count}} (\text{Bank}))))) \bowtie \text{Pelanggan}$$

Rekening.Id_Plg	Pelanggan.Nama_Plg	Pelanggan.AlmtPlg_Jl	Pelangga
'Plg-2'	'Muntu'	'Cilandak'	'Ja
'Plg-1'	'Amir'	'Cilandak'	'Ja

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