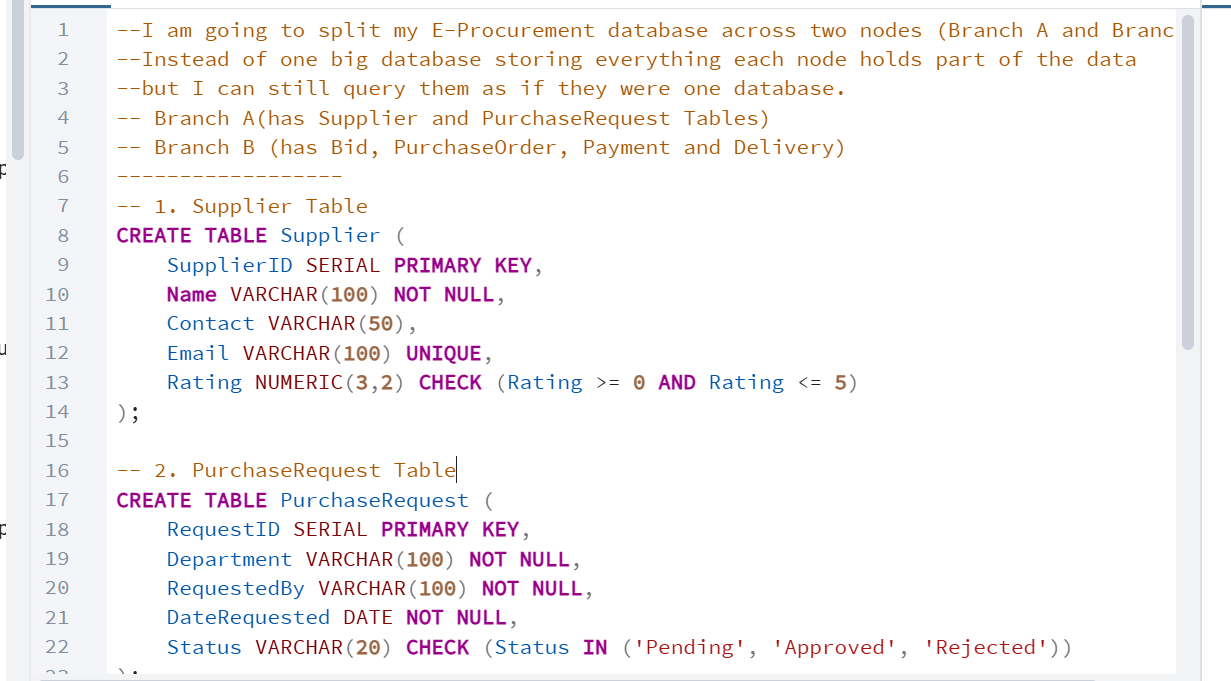
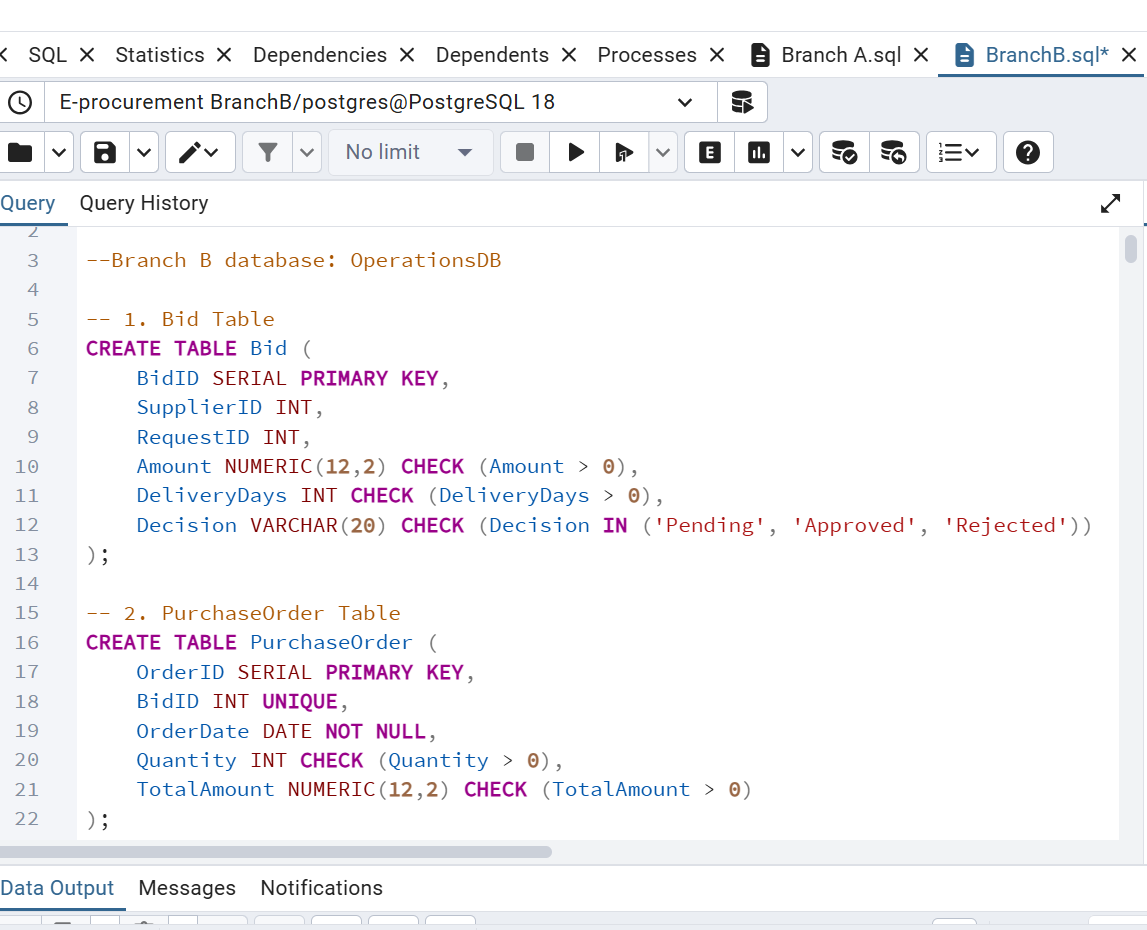
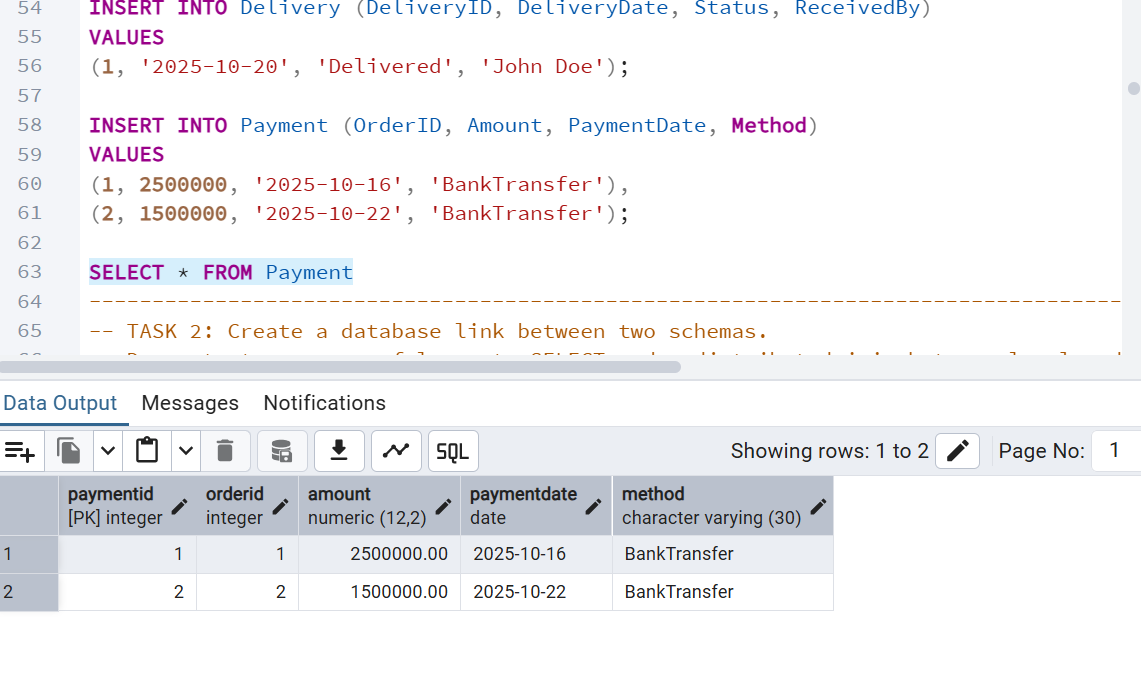
**STUDENT 34: E-PROCUREMENT & SUPPLIER MANAGEMENT**

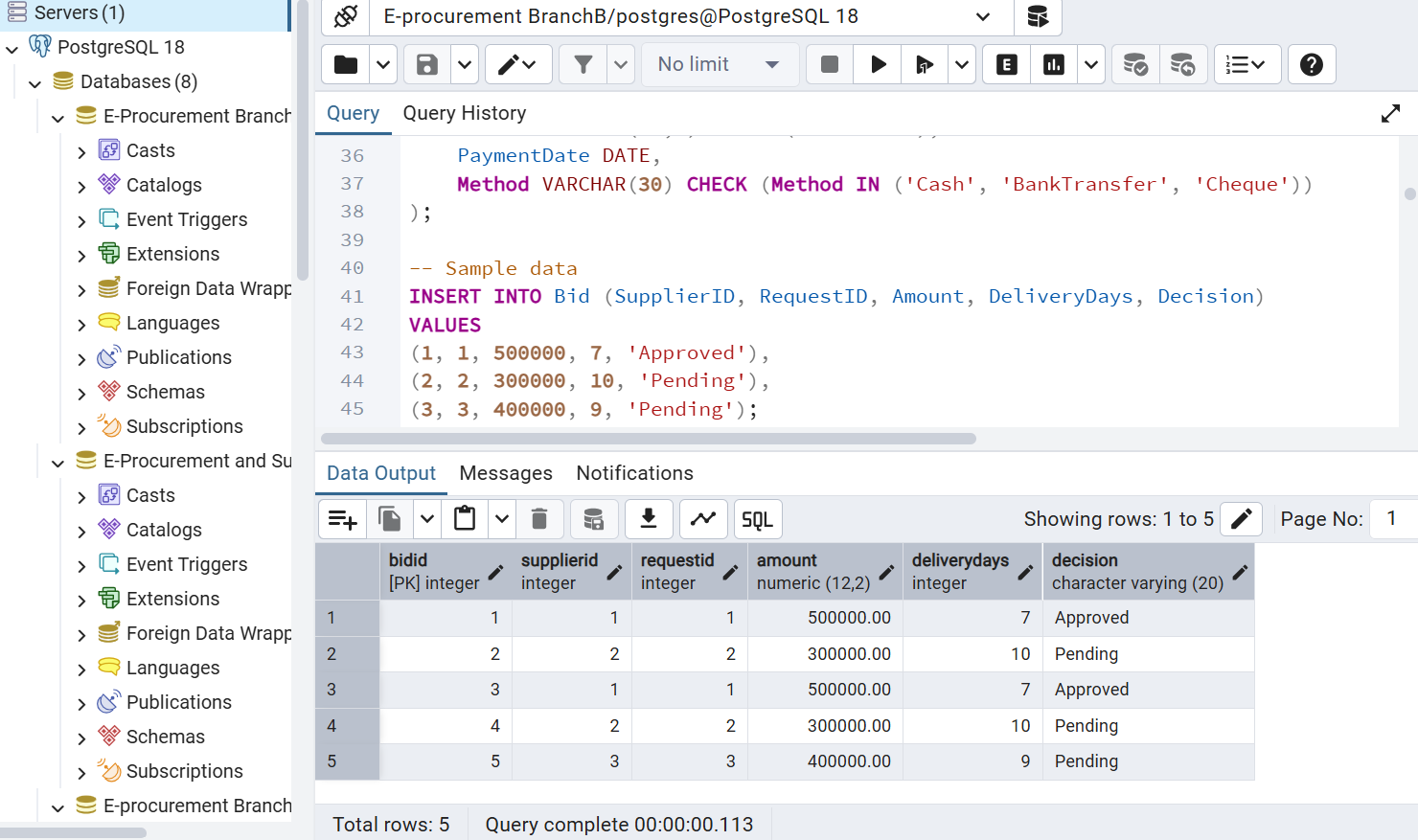
**SECTION A**

**A1: Fragment & Recombine Main Fact**



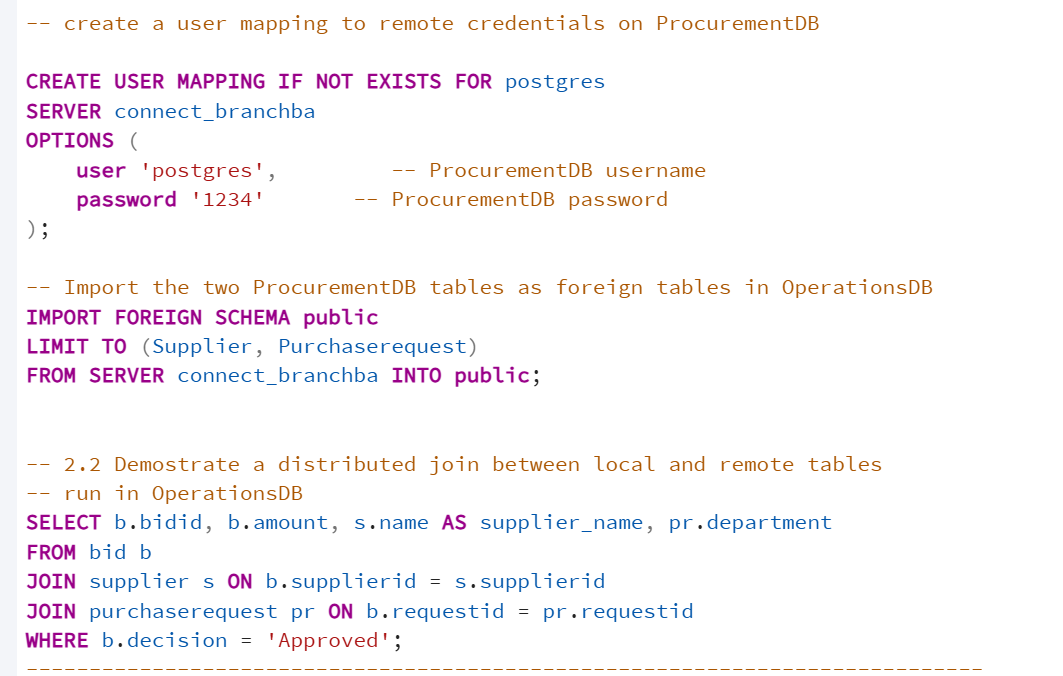


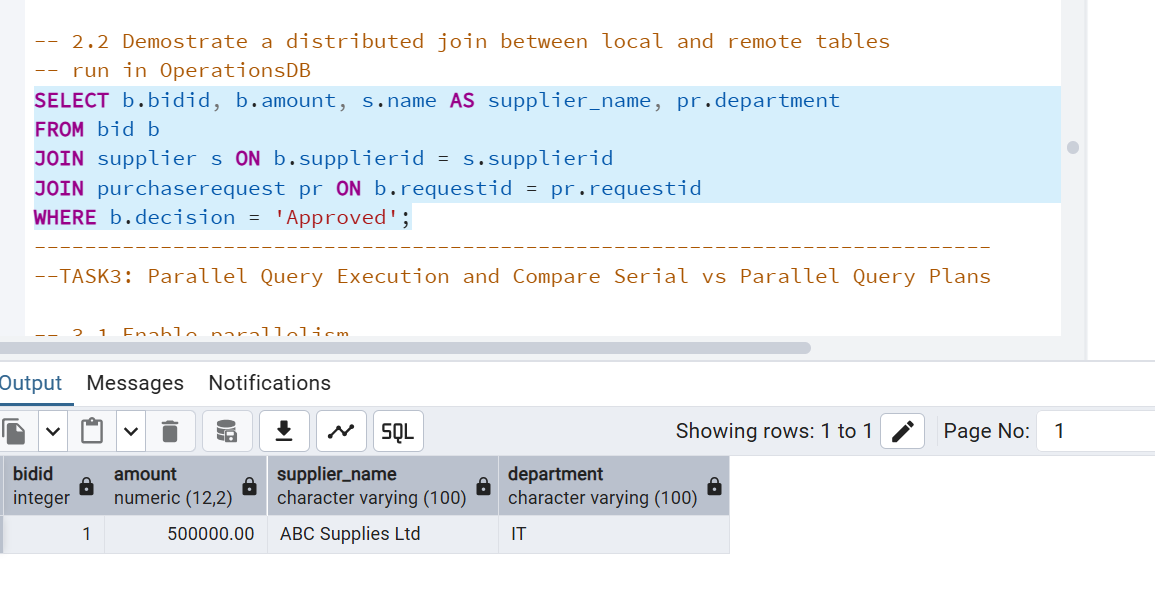




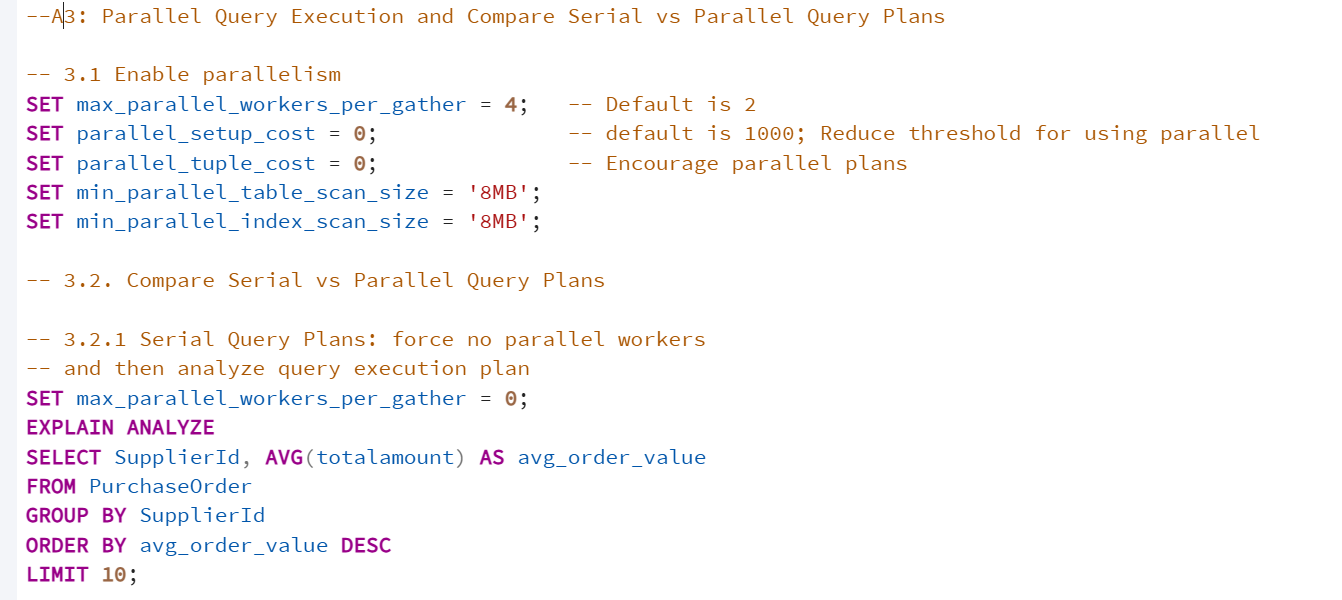
**A2: Database Link & Cross-Node Join**

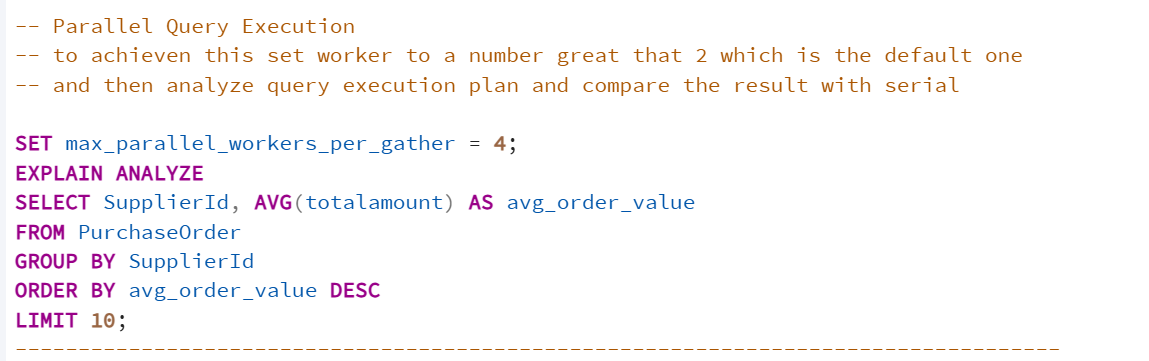
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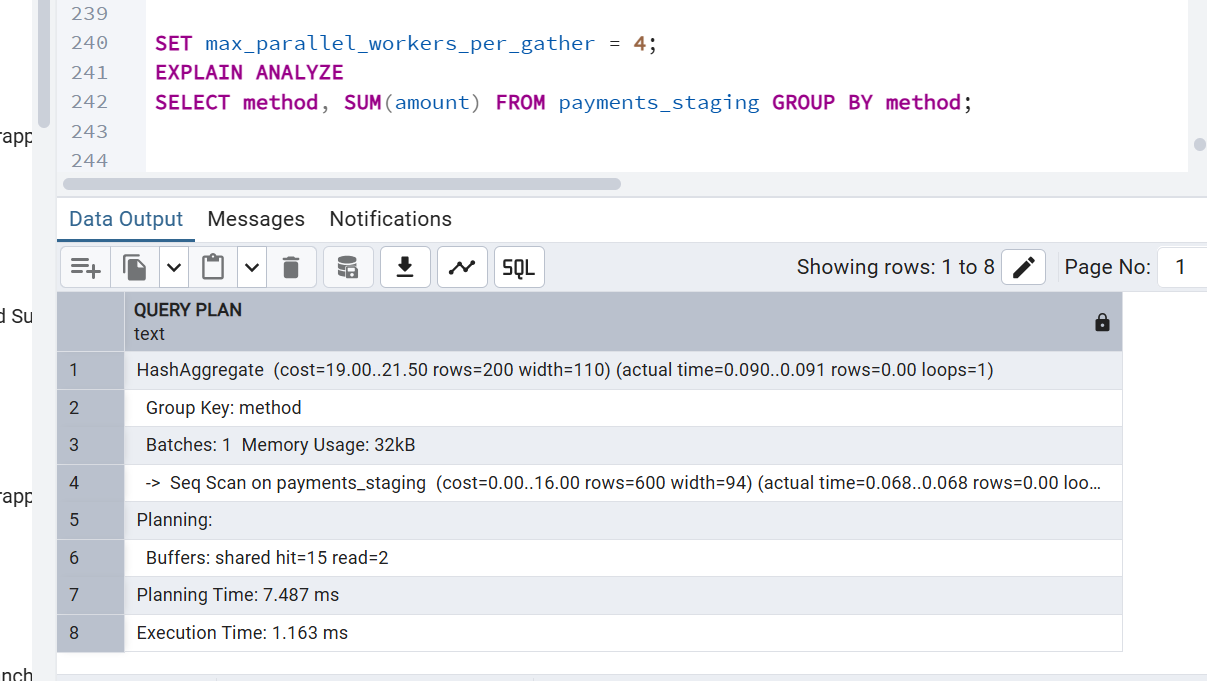
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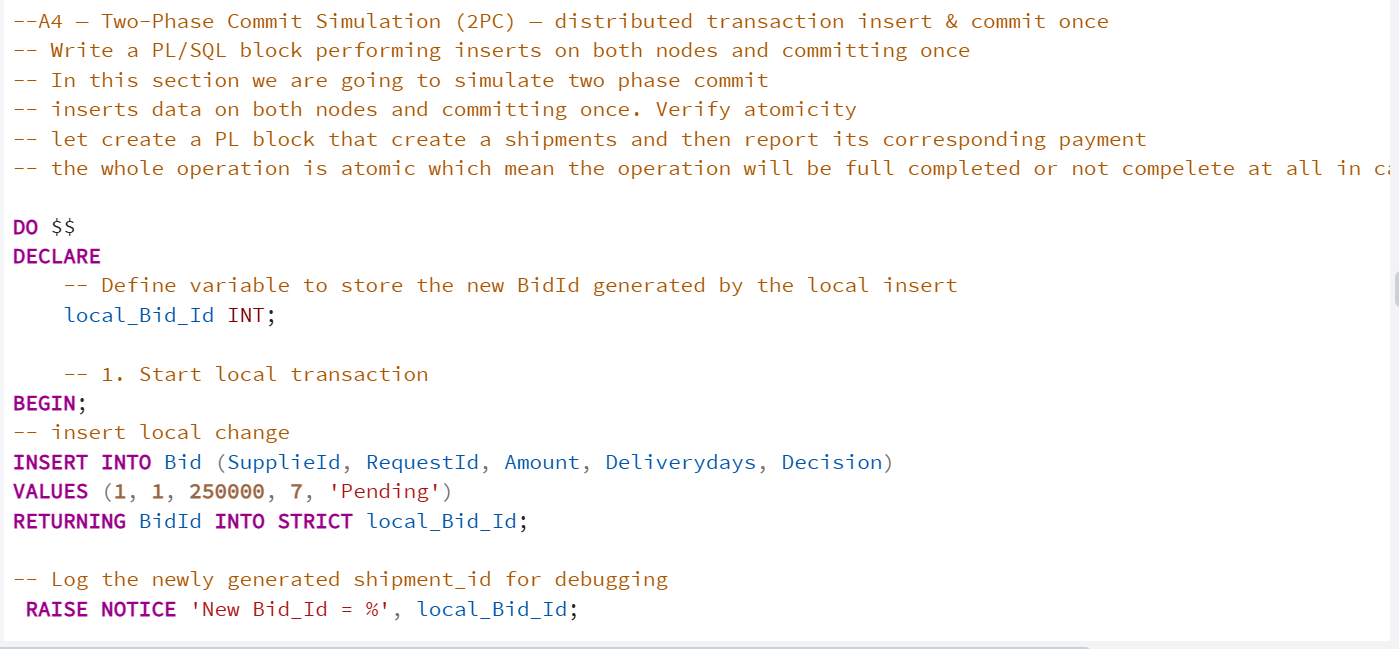
**A3: Parallel vs Serial Aggregation**

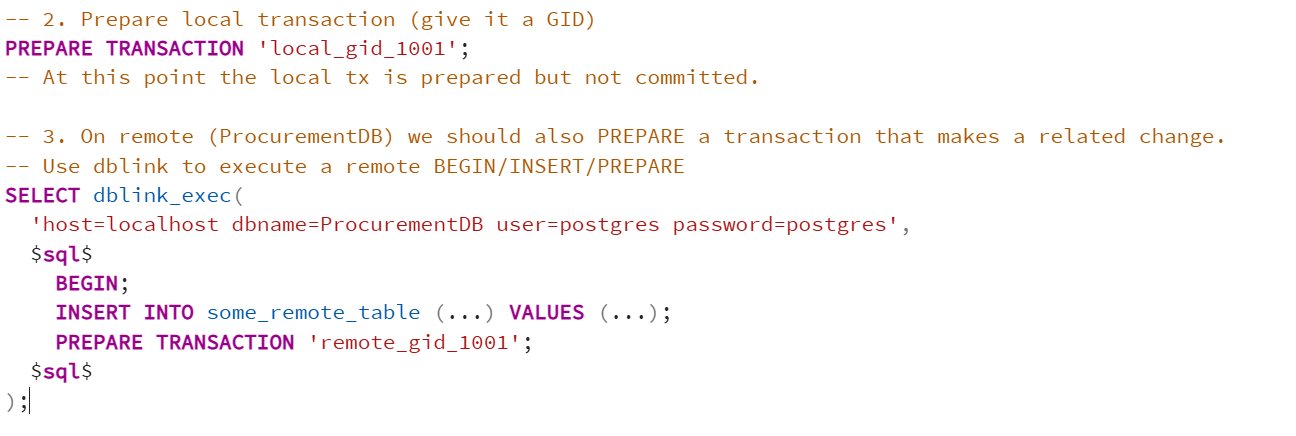
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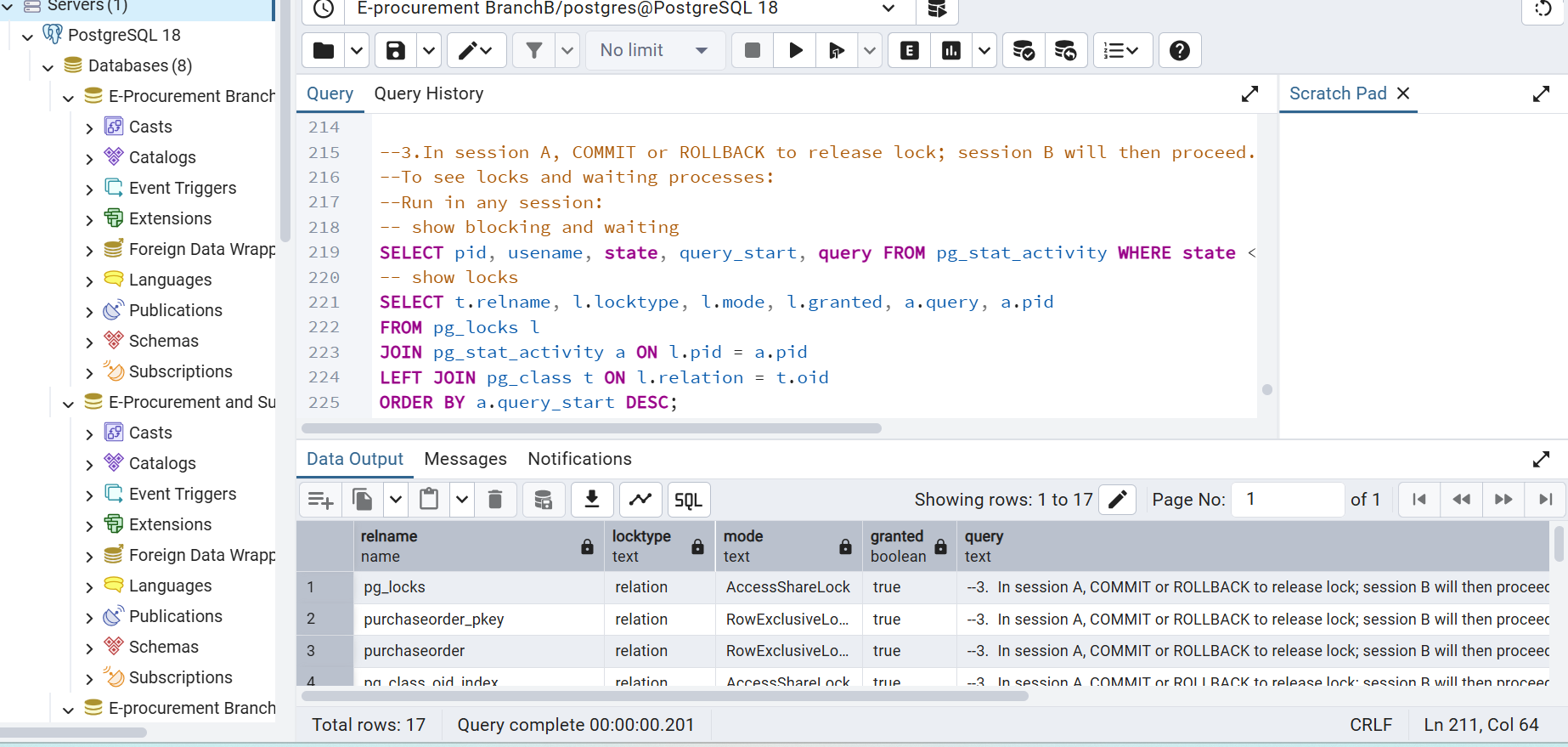
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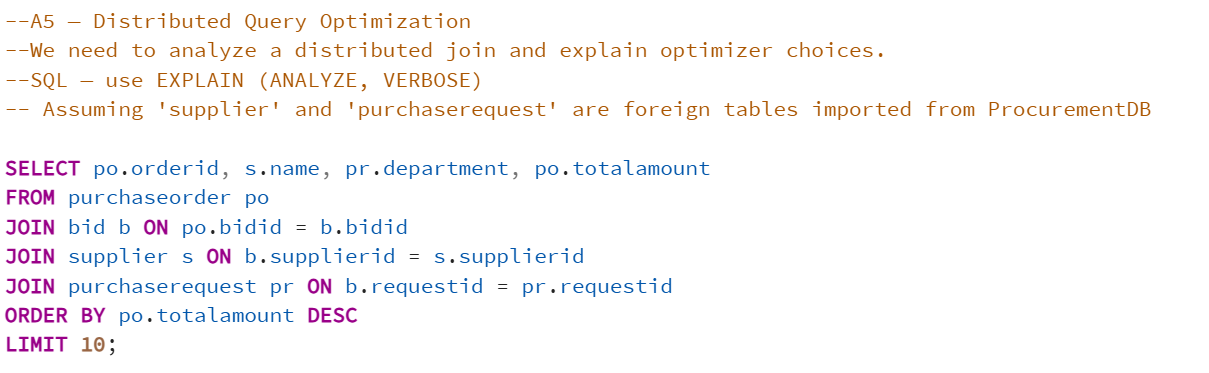
**A4: Two-Phase Commit & Recovery**

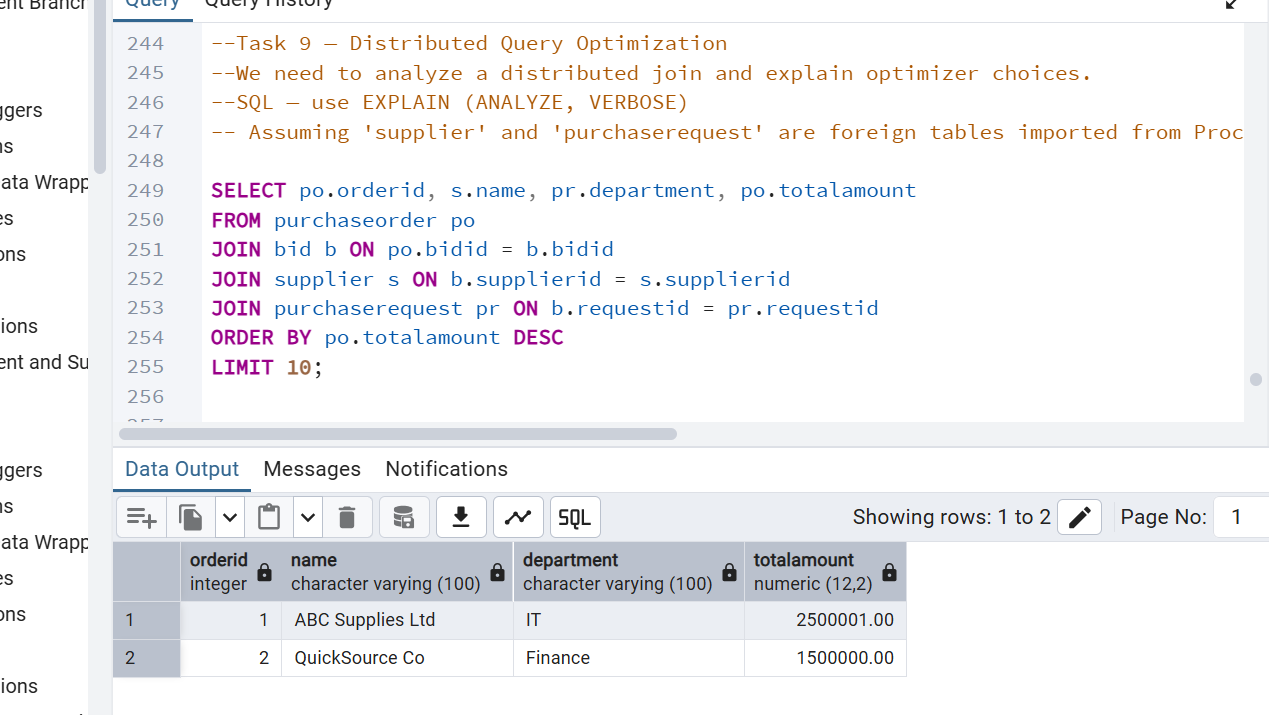
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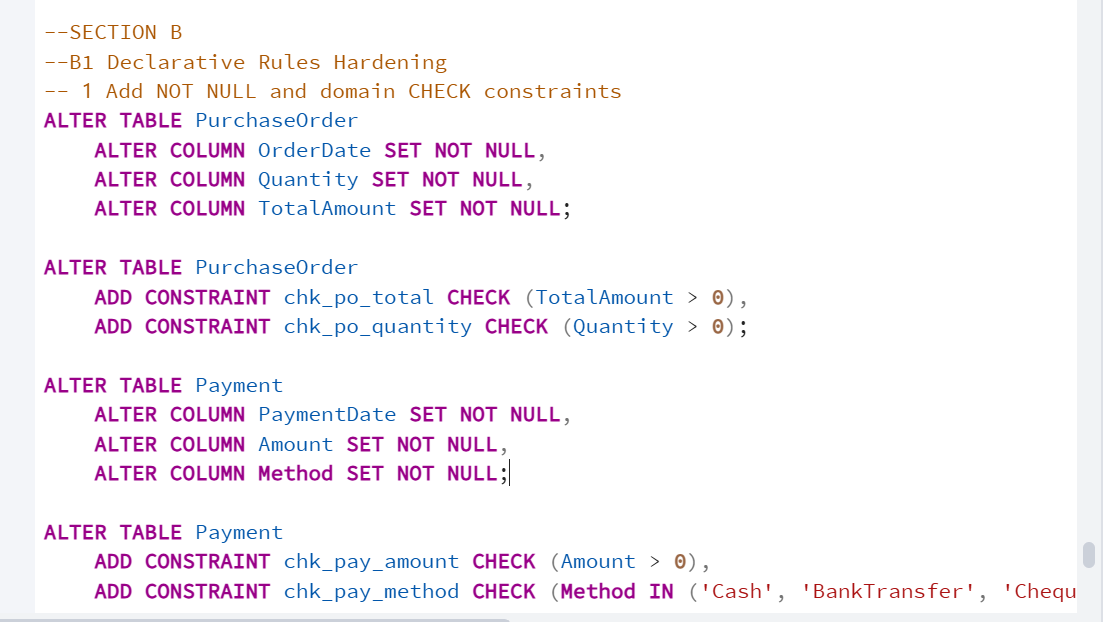
**A5: Distributed Query Optimization**

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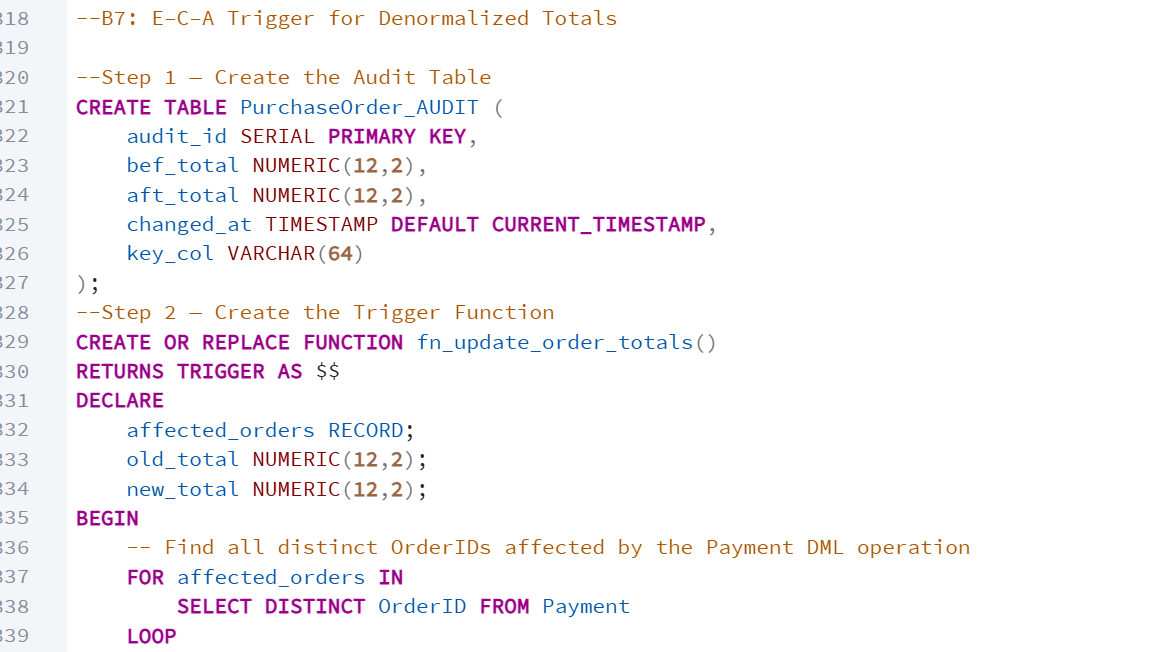
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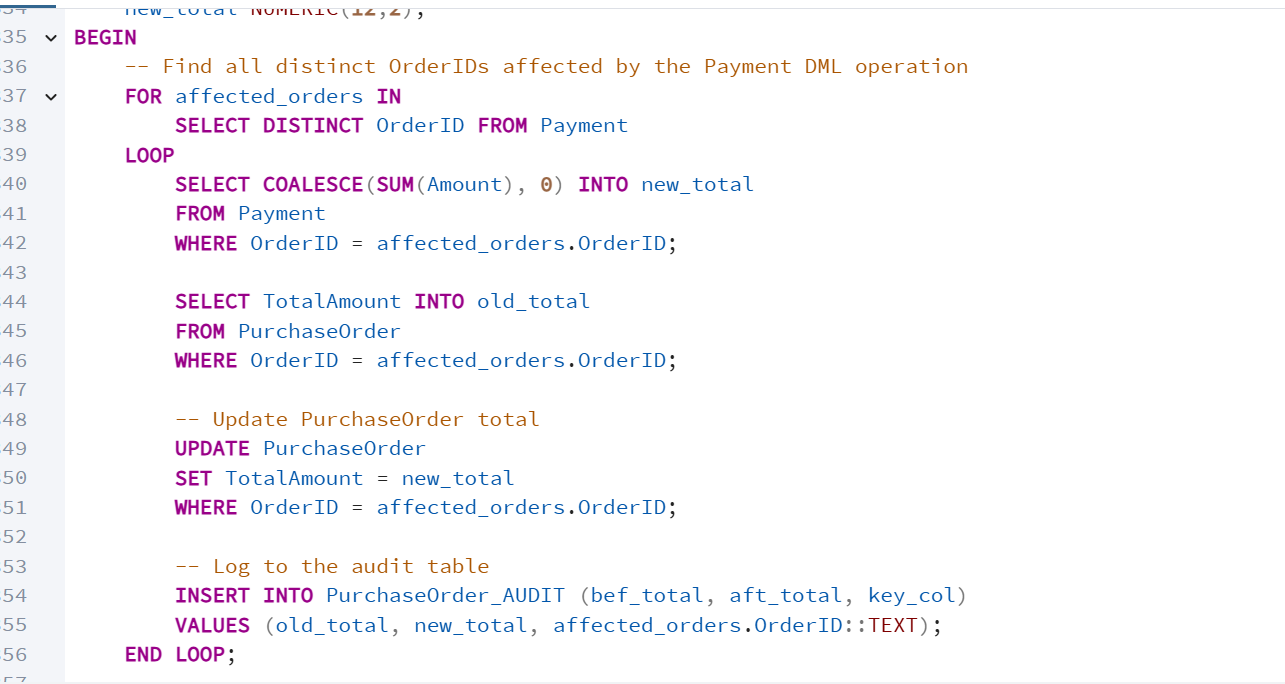
**SECTION B**

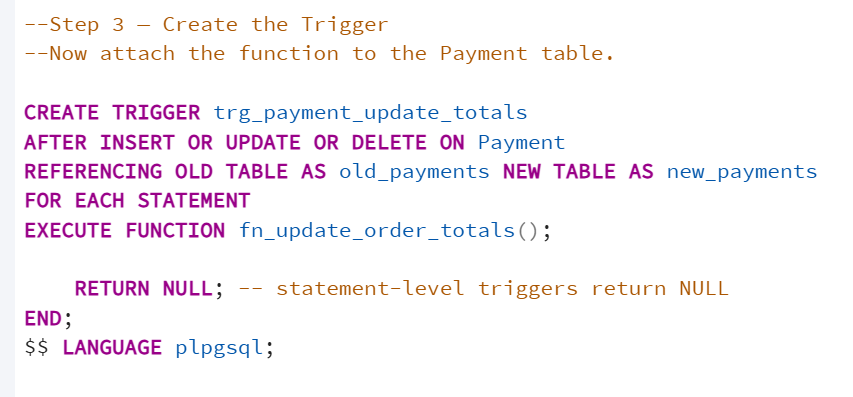
**B6: Declarative Rules Hardening**

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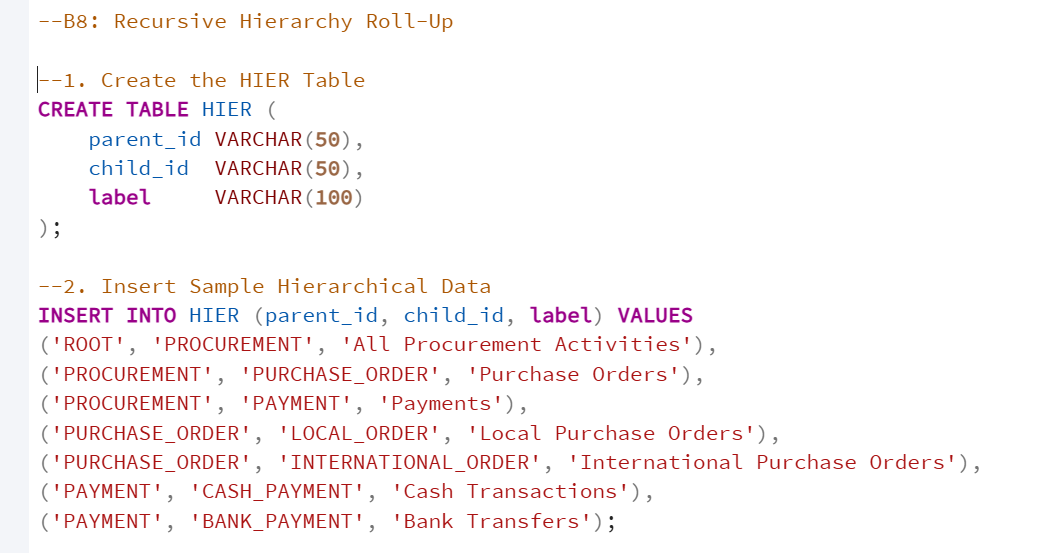
**B7: E–C–A Trigger for Denormalized Totals**

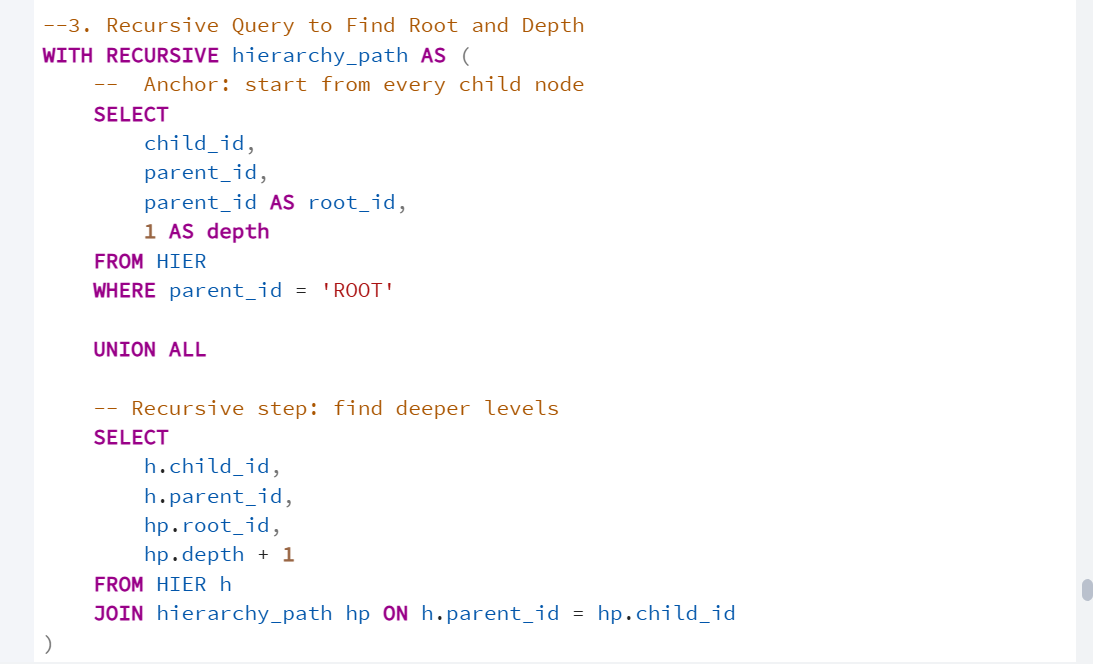
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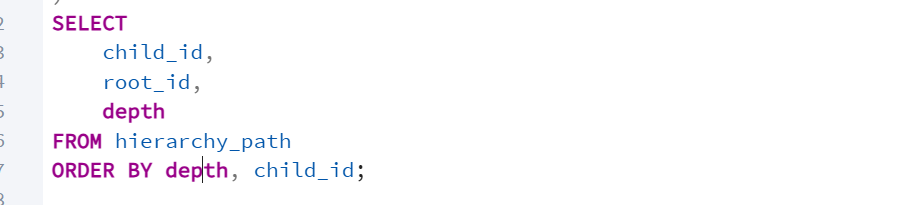
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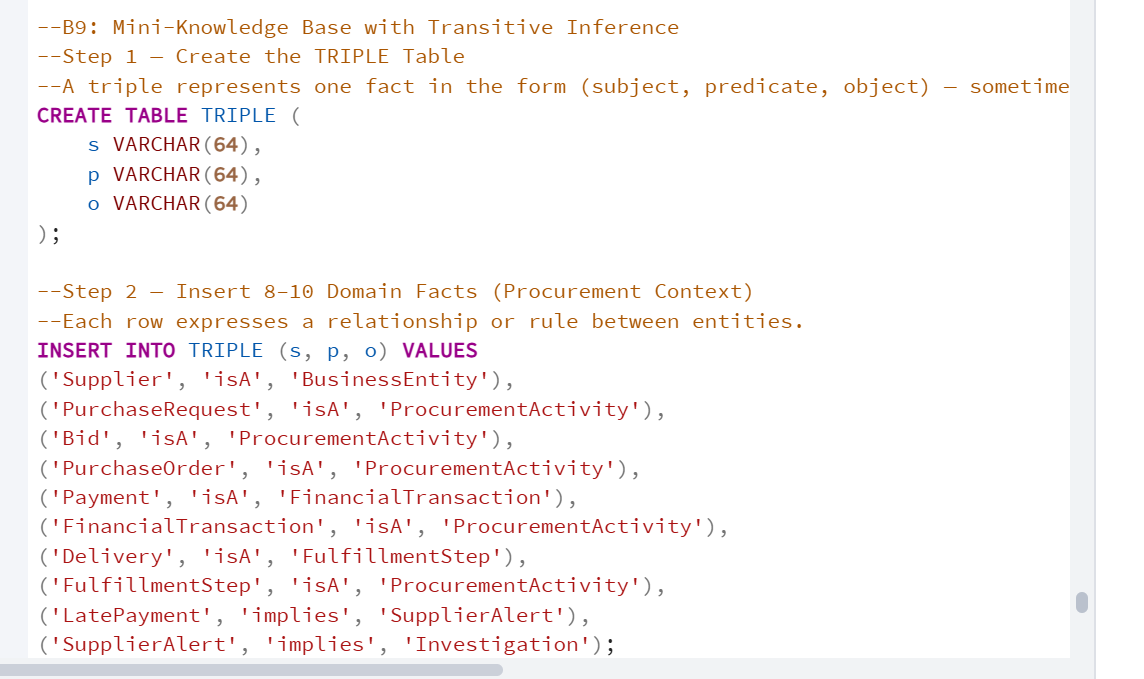
**B8: Recursive Hierarchy Roll-Up**

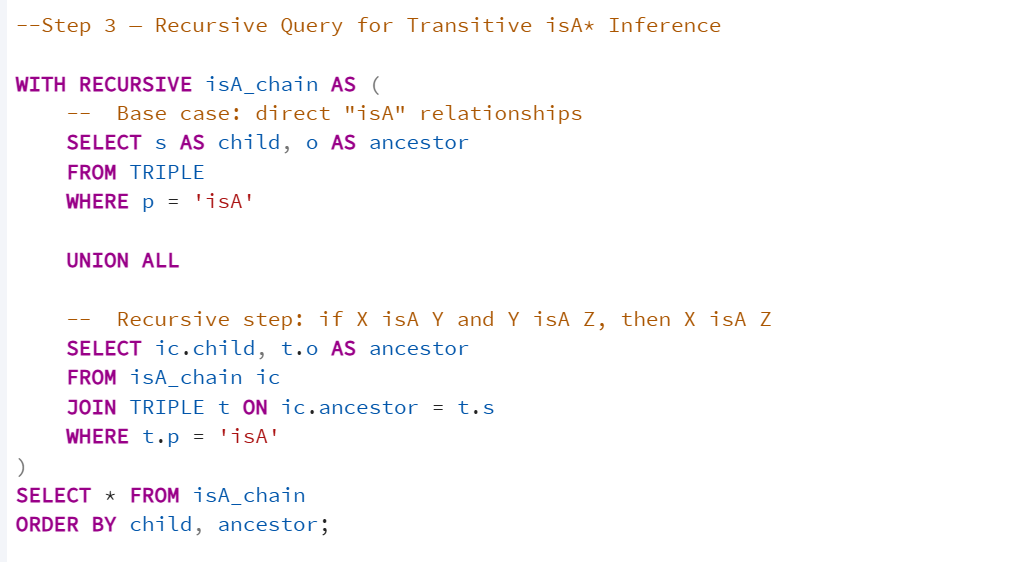
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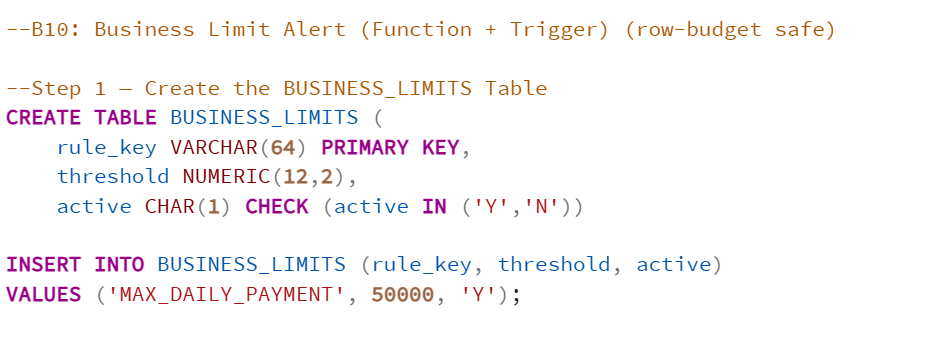
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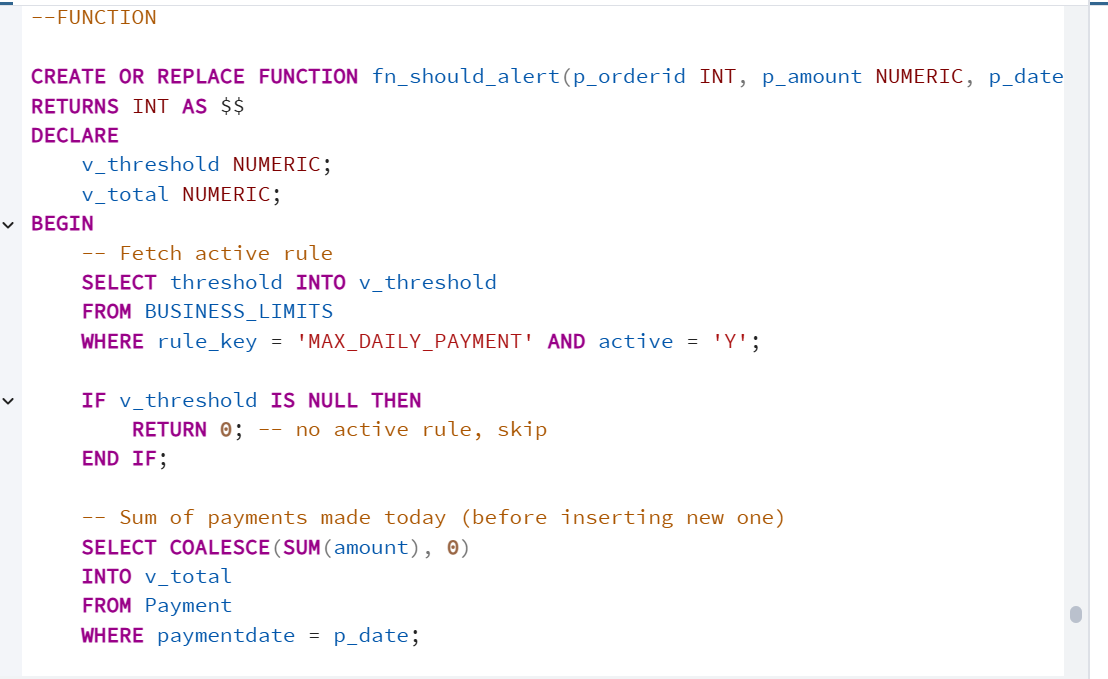
**B9: Mini-Knowledge Base with Transitive Inference**

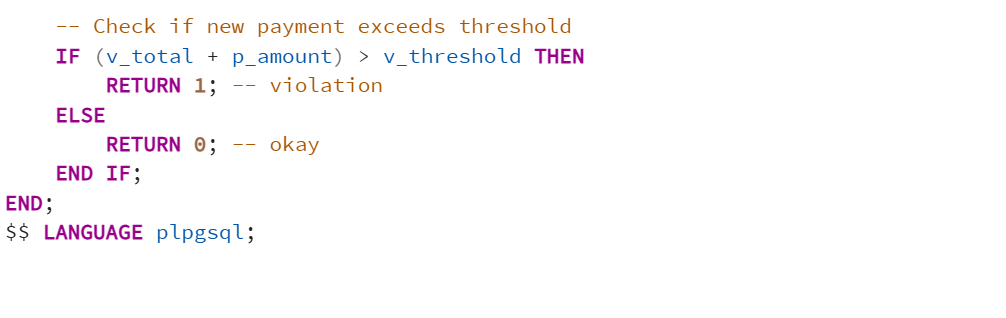
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**B10: Business Limit Alert (Function + Trigger) (row-budget safe)**

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