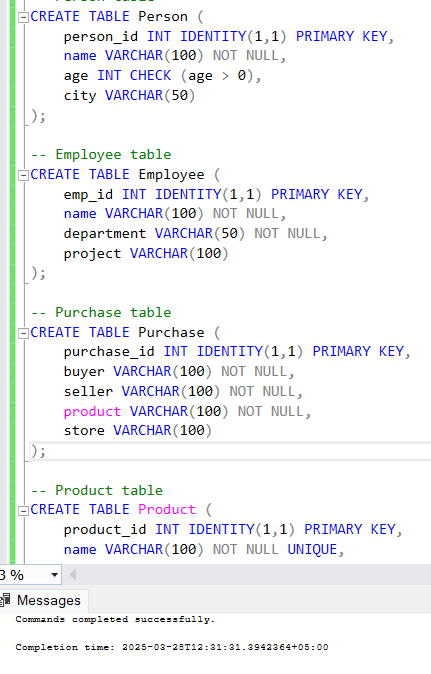


|  |  |
| --- | --- |
| **Name:** | **Waleed Afzal** |
| **Roll No:** | **23P-0566** |
| **Section:** | **4C** |
| **Lab:** | **DBMS** |
| **Number:** | **#10** |

**TASKS:**

**TASK#01:**

Created all Tables including Person, Employee, Purchase, Product.

****

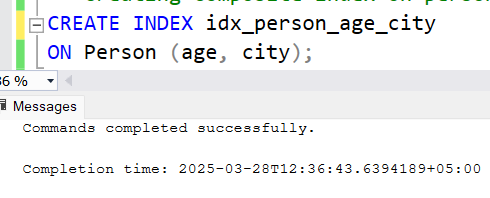
**Now creating Indexes:**

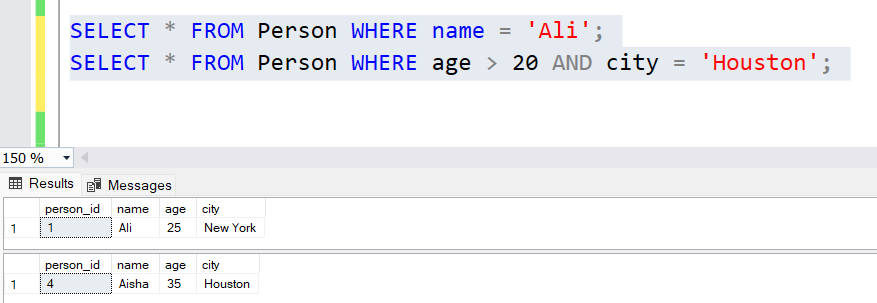
1. **Person Name Index:**

A screenshot of a computer

AI-generated content may be incorrect.

1. **Composite Index on age and city on Person Table:**

****

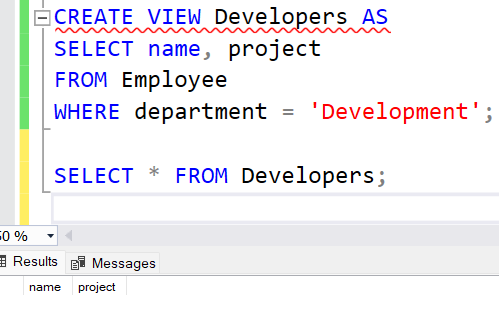
1. **Testing Queries:  
   i) Before Indexes:  
   **

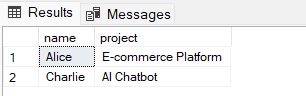
**ii) After Indexes:  
A screenshot of a computer

AI-generated content may be incorrect.**

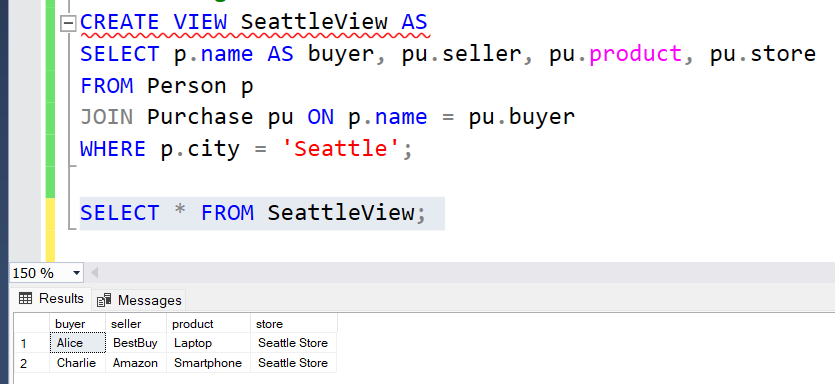
**TASK#02 (Creating Views):**

**Creating Department Views AS Developers**

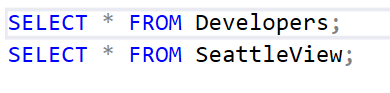
****

****

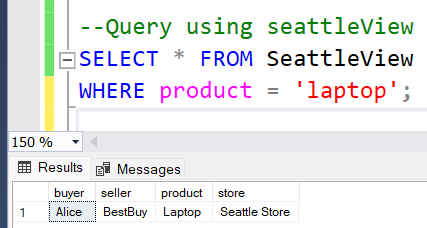
**Creating Purchase Views AS SeattleView**



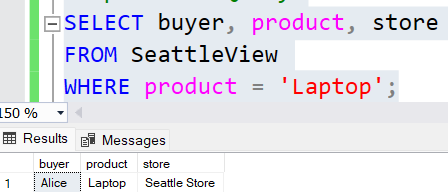
**Selecting From Views**

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**TASK#03:**

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**Optimized Query:**

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