|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| COMPANY | | | | | |
| Key Type | Optionality | Column Name | Data Type | Length | Constraints |
| PK | \* | Company\_Id | integer |  | Unique Identifier |
| UK | \* | Name | varchar | (25) | Unique Identifier |
| UK | \* | Phone\_Name | integer |  | Unique Identifier |
| UK | \* | Email | varchar | (25) | Unique Identifier |
|  | \* | Address | varchar | (25) |  |

**Company Table**

INSERT INTO Company VALUES

(1,'Oasis', 1234567890, 'oasis.hardware@gmail.com', '45 queen street west');



Figure 1 : Checking Primary Key Constraint for Company\_Id



Figure 2 : Checking Unique Constraint for Name

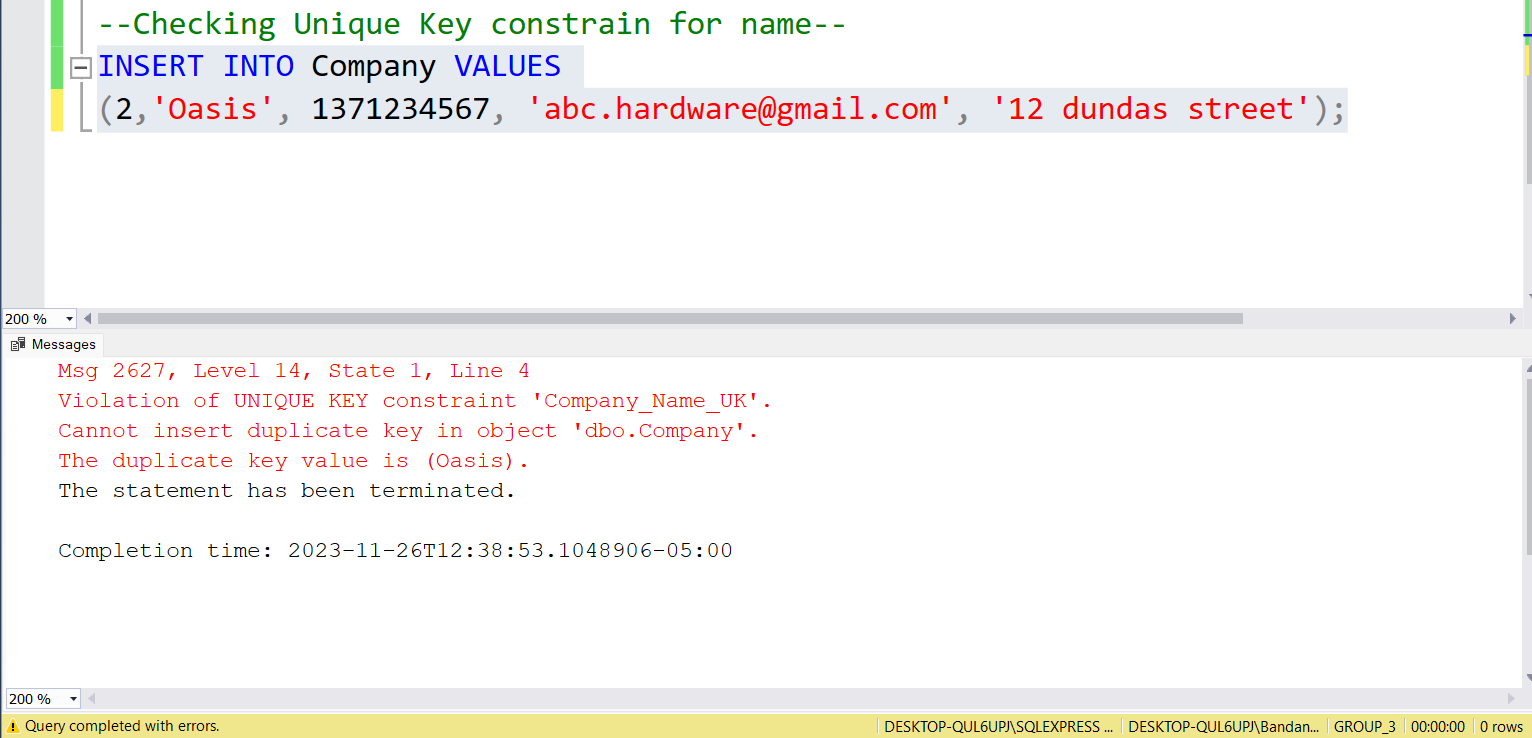


Figure 3 : Checking Unique Constraint for Phone\_Number

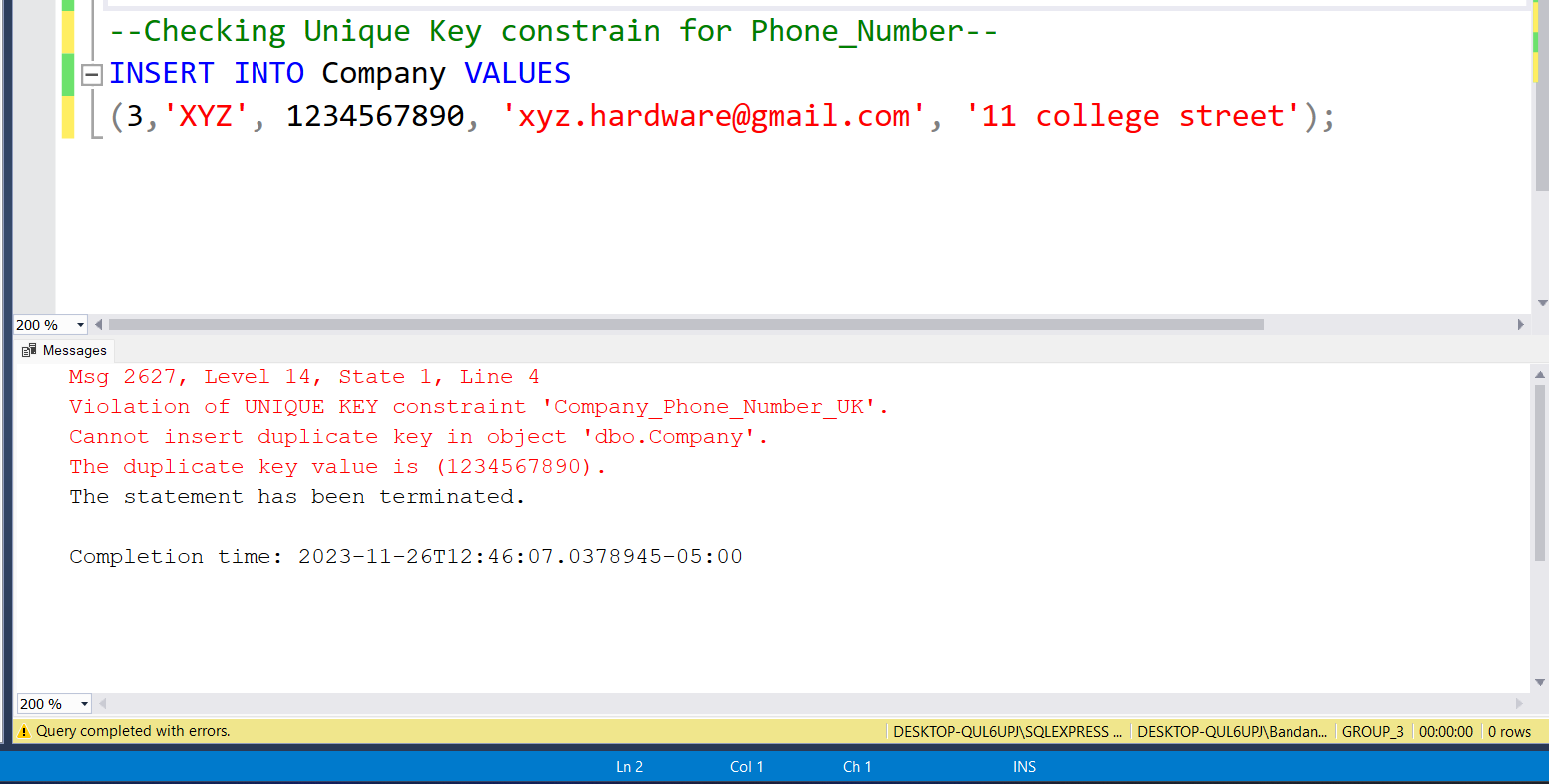
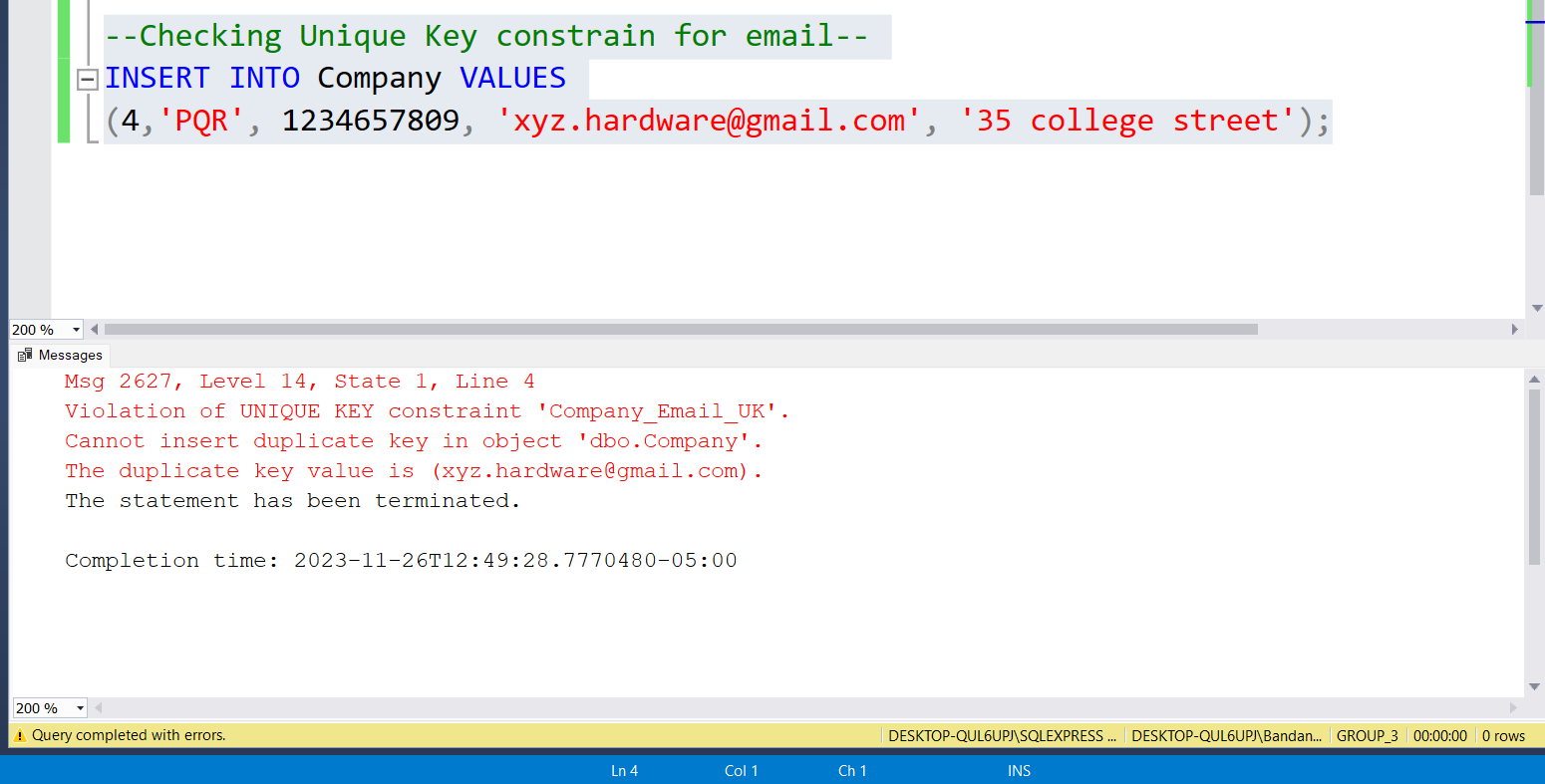


Figure 4 : Checking Unique Constraint for email

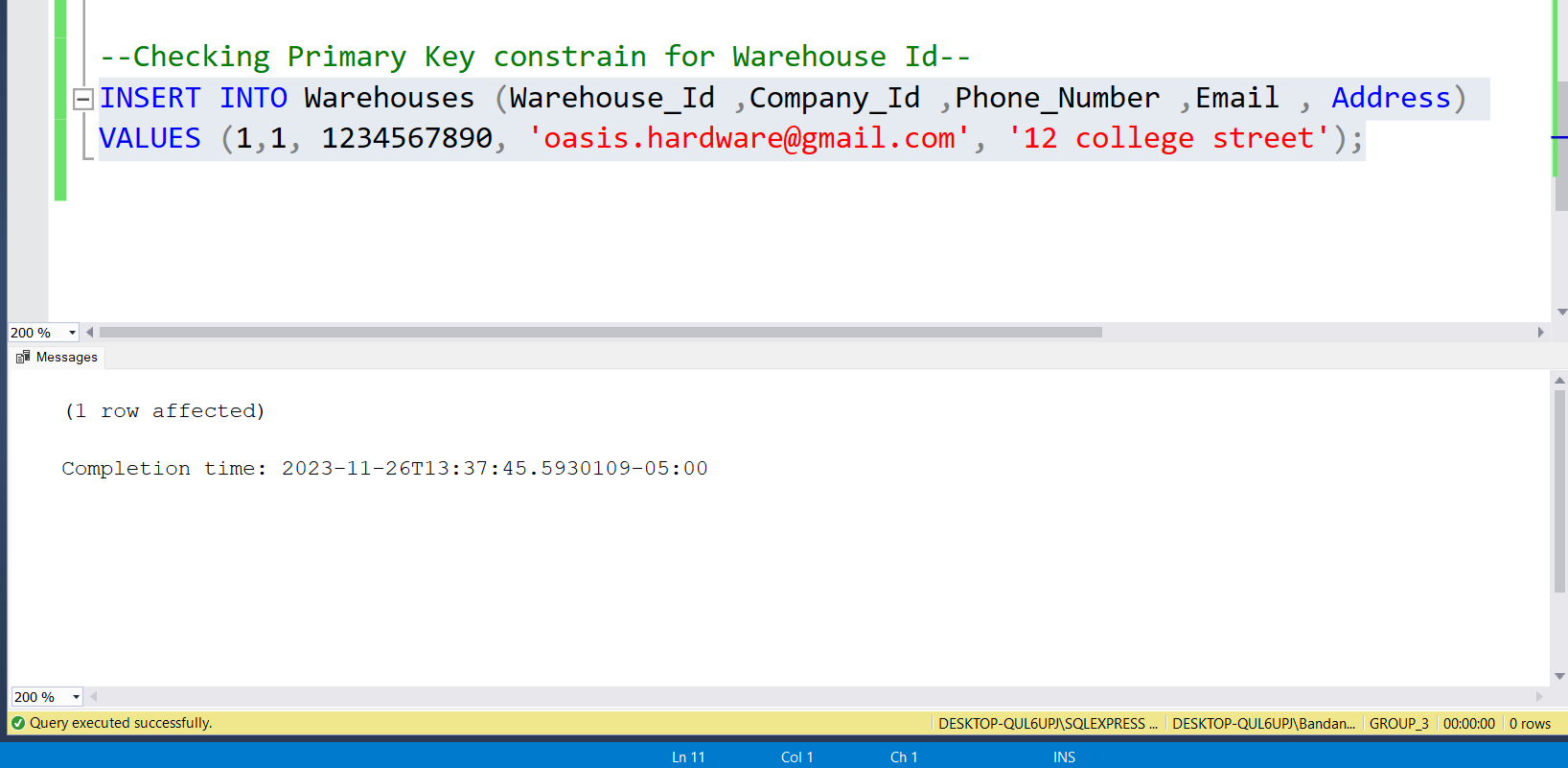


|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| WAREHOUSES | | | | | |
| Key Type | Optionality | Column Name | Data Type | Length | Constraints |
| PK | \* | Warehouse\_Id | integer |  | Unique Identifier |
| FK | \* | Company\_Id | integer |  |  |
| FK | 0 | Warehouse\_Manager\_ID | integer |  | Must be a valid Employee |
|  | 0 | Phone\_Number | varchar | (10) |  |
| UK | \* | Email | varchar | (50) | Unique Identifier |
|  | \* | Address | varchar | (50) |  |

**Warehouses Table**

INSERT INTO Warehouses (Warehouse\_Id ,Company\_Id ,Phone\_Number ,Email , Address)

VALUES (1,1, 1234567890, 'oasis.hardware@gmail.com', '12 college street');



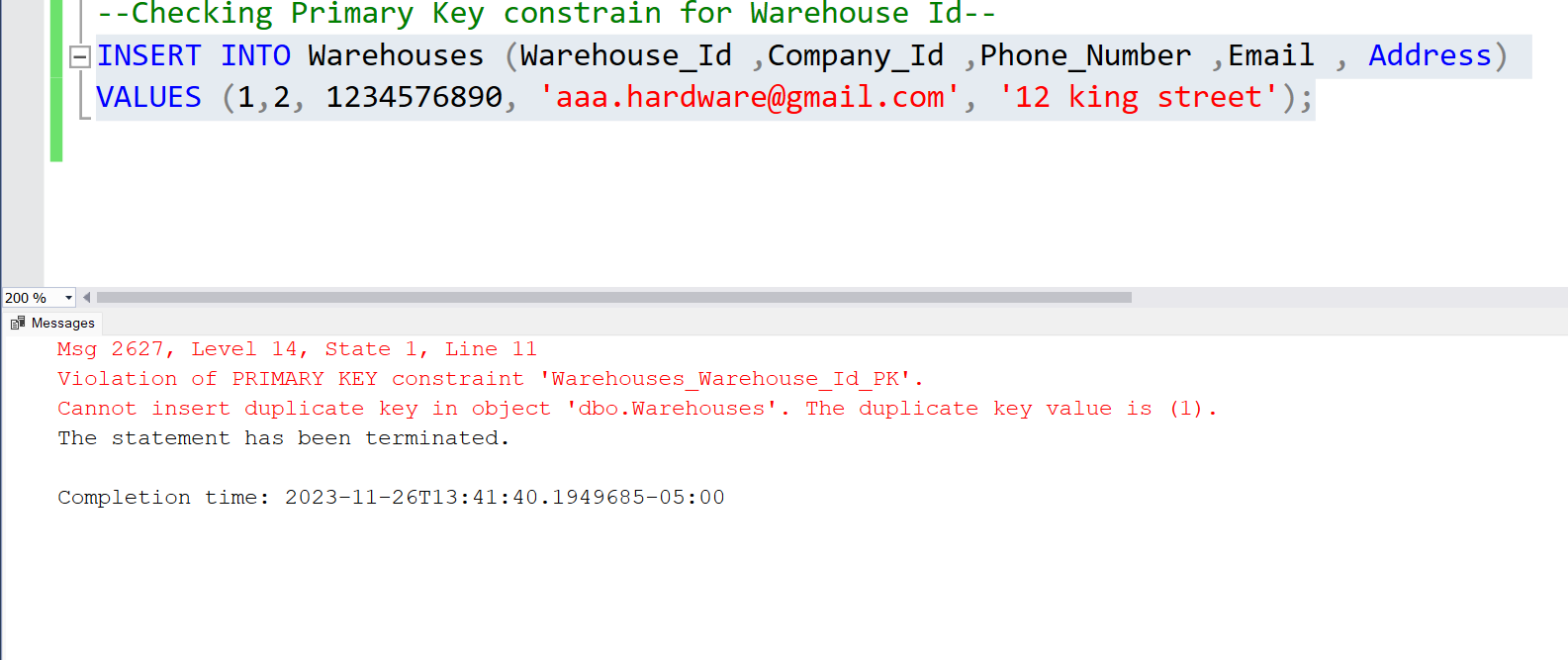


Figure 6: Checking Primary Key Constraint for Warehouse \_ID

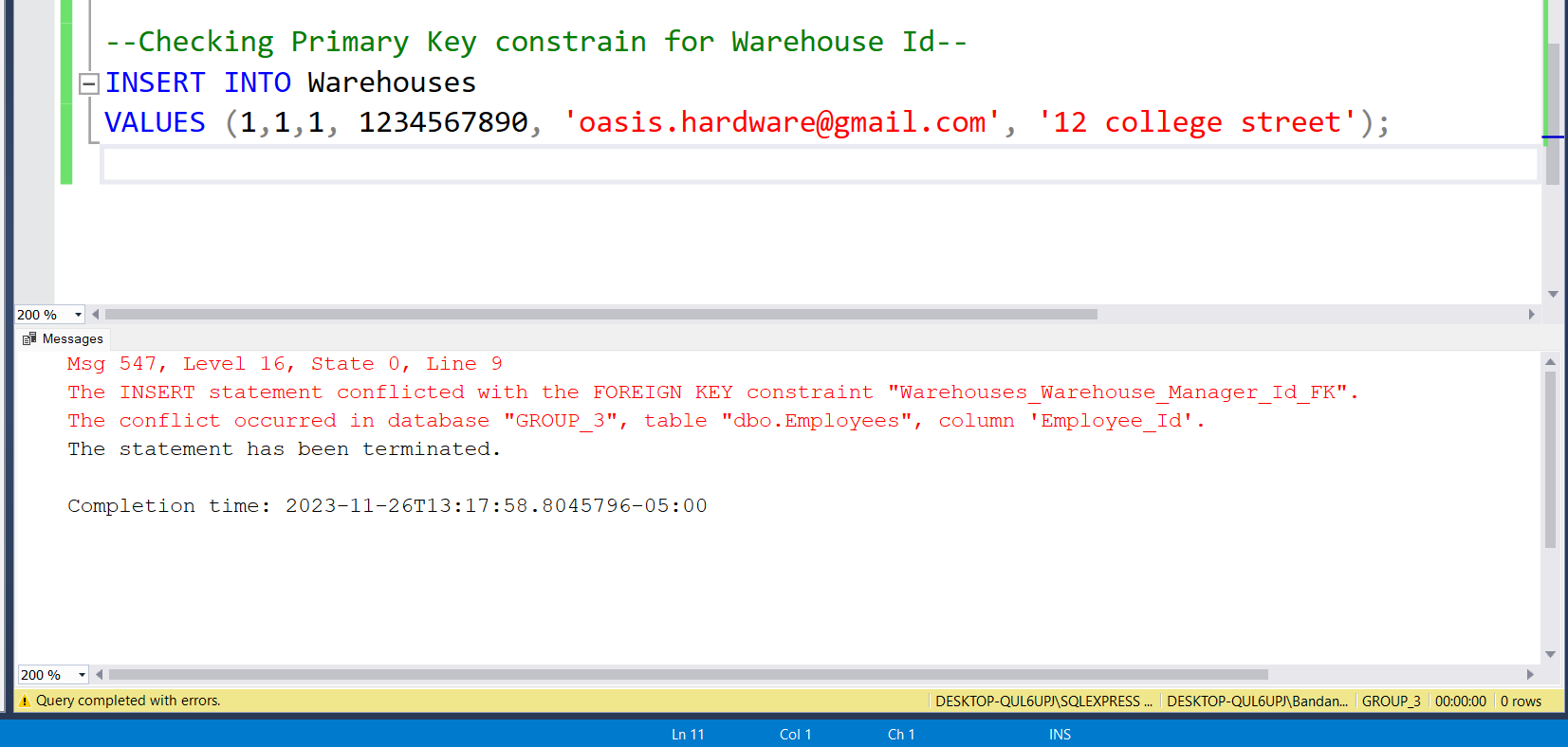


Figure 7: Checking Foreign Key Constraint for Warehouse\_Manager\_ID

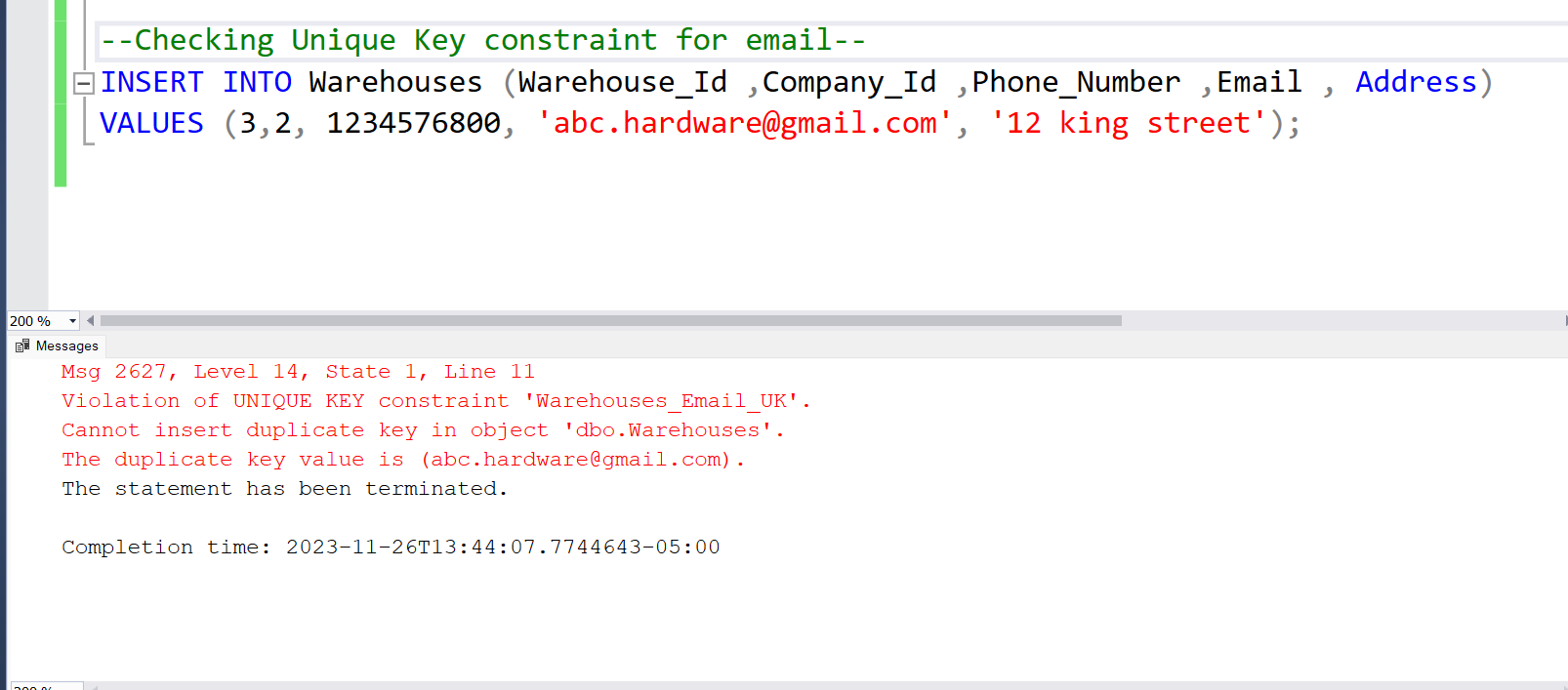


Figure 8: Checking Unique Key Constraint for email