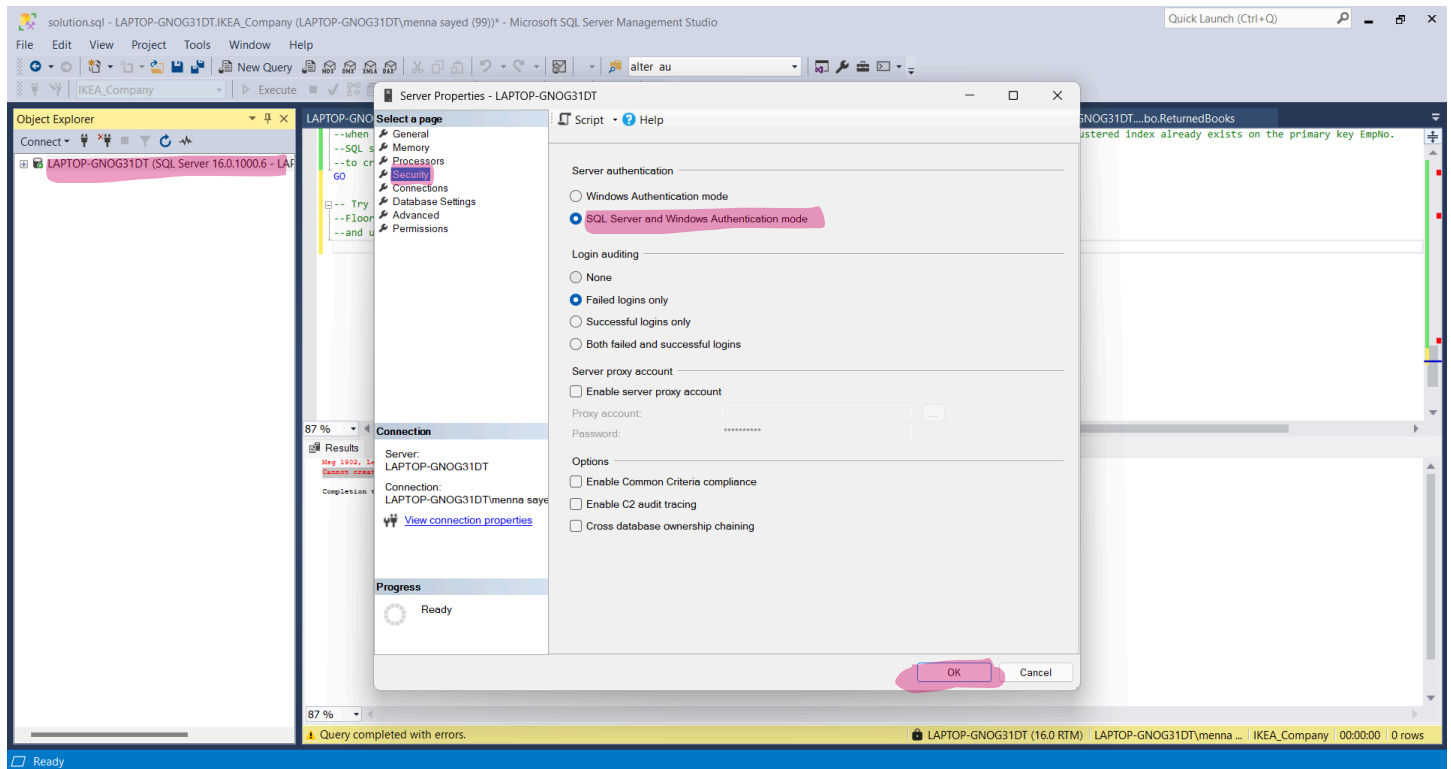


Try to Create Login With Your Name And give yourself access Only to Employee and Floor tables then allow this login to select and insert data into tables and deny Delete and update (Don't Forget To take screenshot to every step).

1. **step 1** : Change server authentication mode .



In this step, we right-clicked on the SQL Server instance (e.g., [Your-Laptop-Name]\SQLServer16), then selected "Properties".

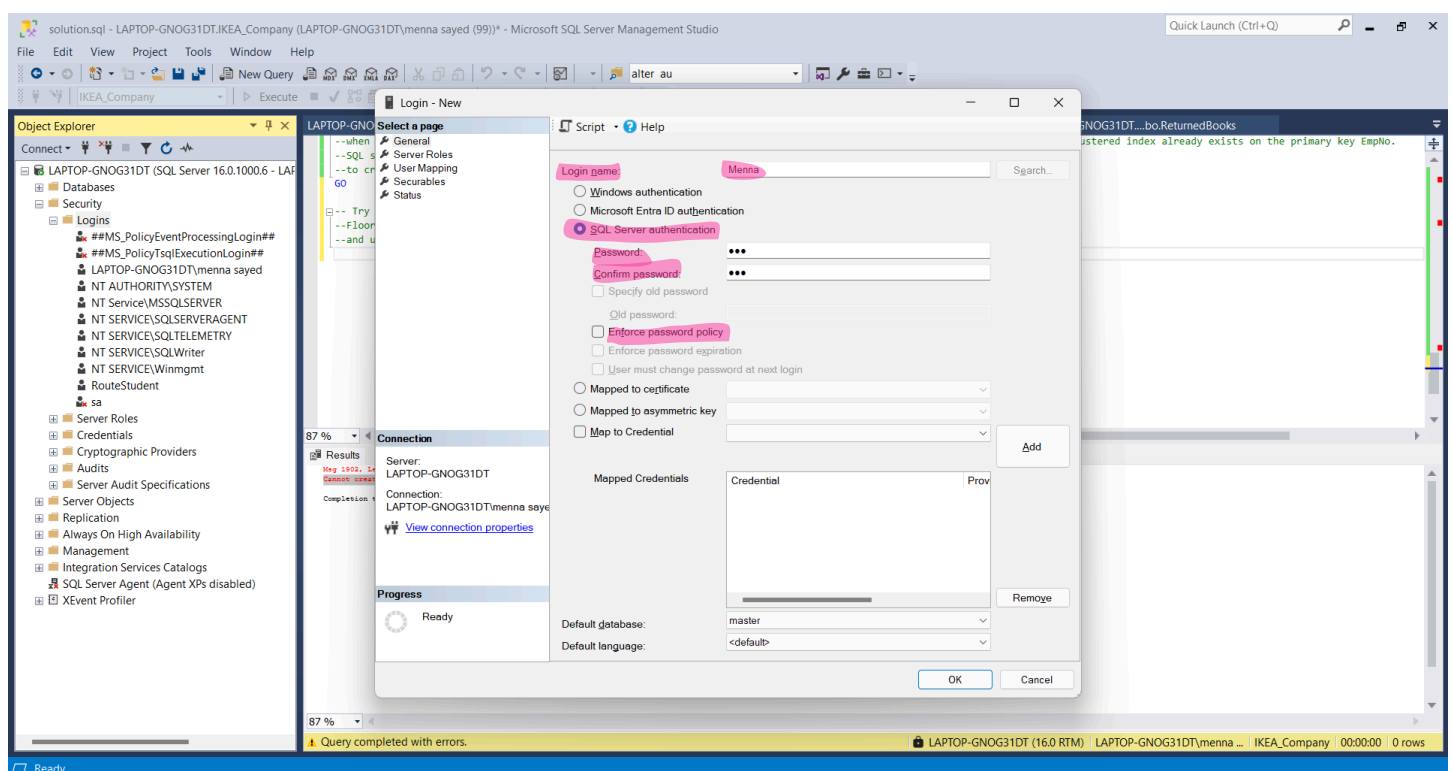
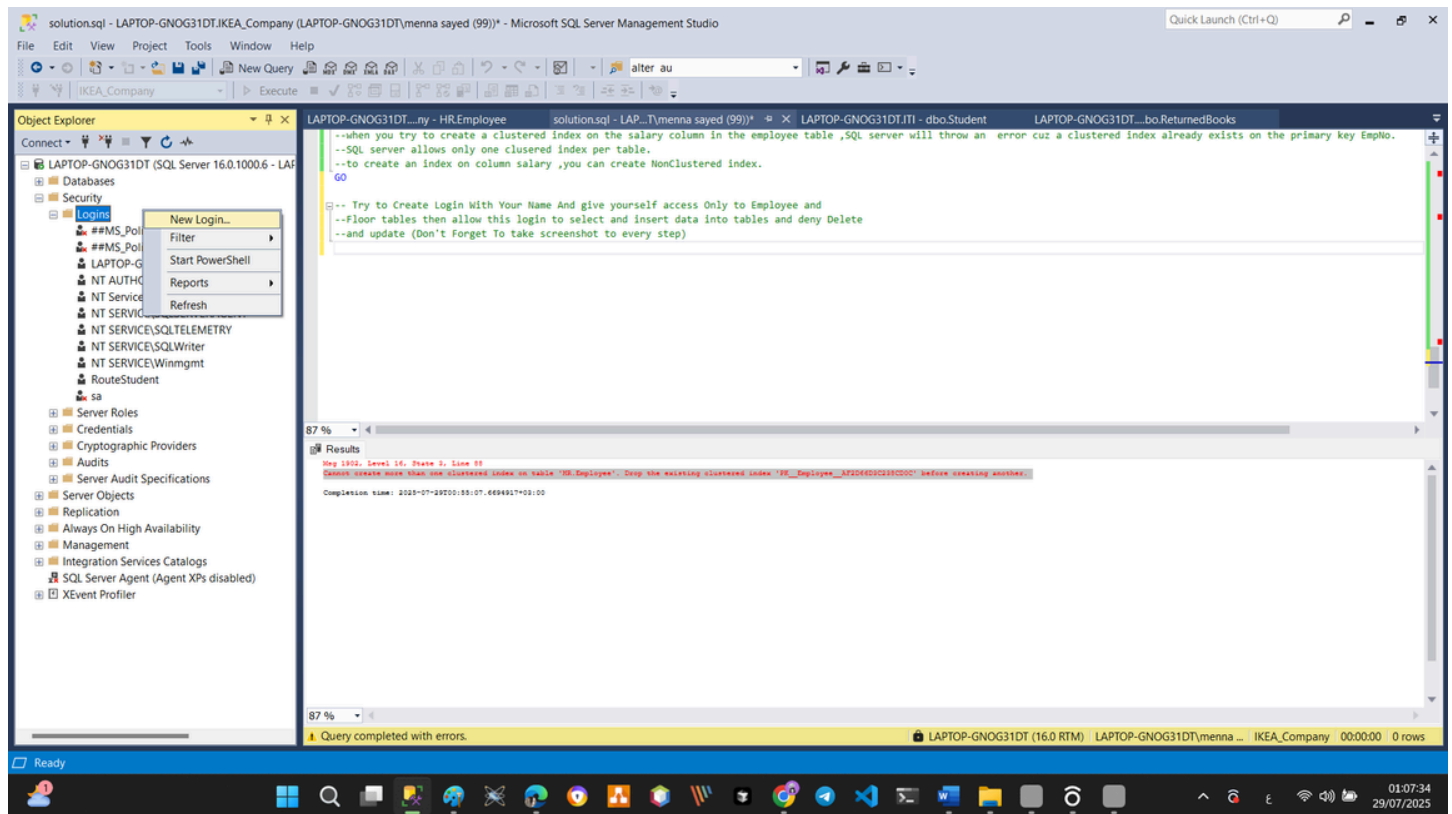
then "Security" page, we changed the server authentication mode from "Windows Authentication mode" to

"SQL Server and Windows Authentication mode", then clicked OK to apply the changes.

Note : after changing the authentication mode ,you must restart the SQL server service for the changes to take effect.

2. **step 2** :Creating a SQL Server login .

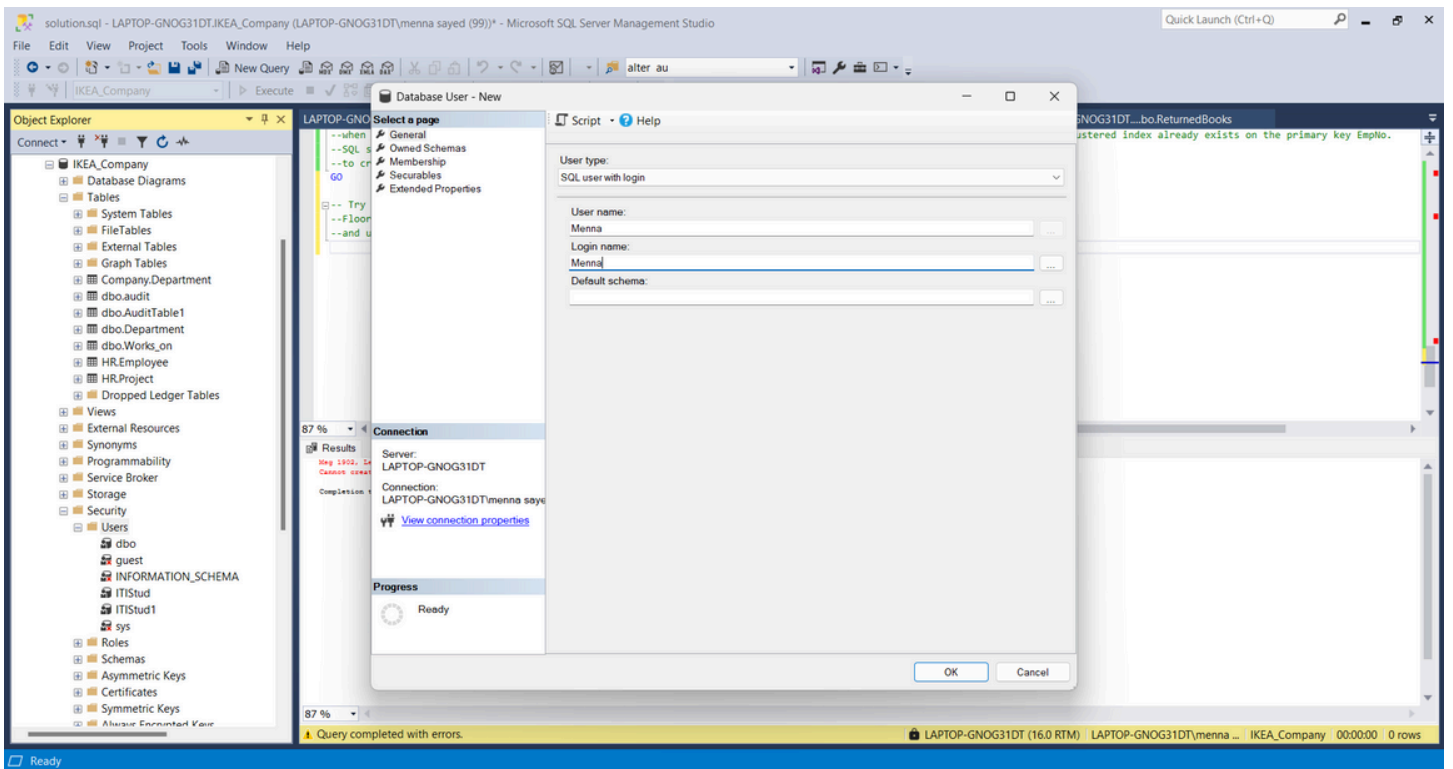
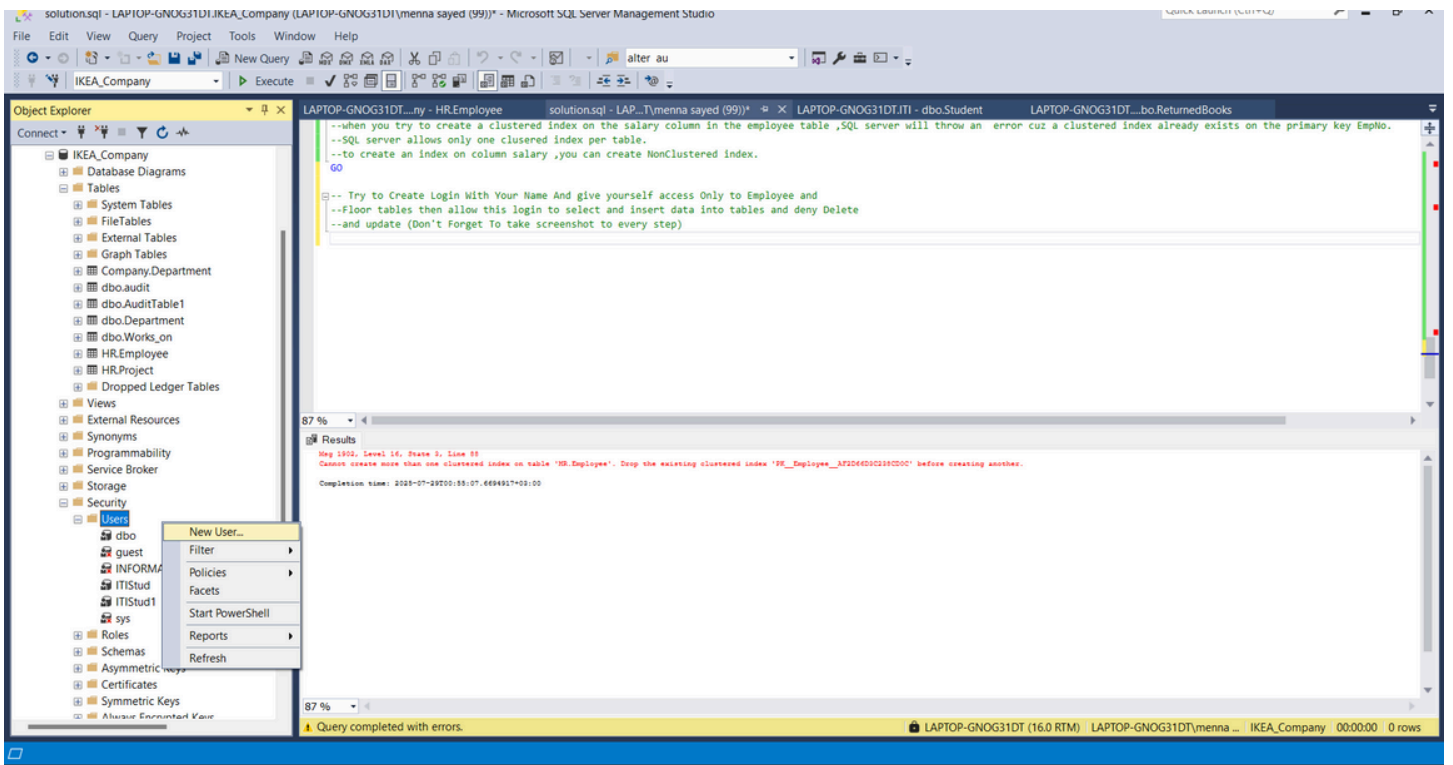
- in this step , i created a new SQL server login using my name 'Menna'.
- this login will later be granted access to specific tables.
- to create the login , i went to **Security** → **Logins**, then right-clicked on



- i wrote my name as the login name and used a simple password 123, i also unchecked the **enforce password policy** to avoid being forced to use complex characters in the password .

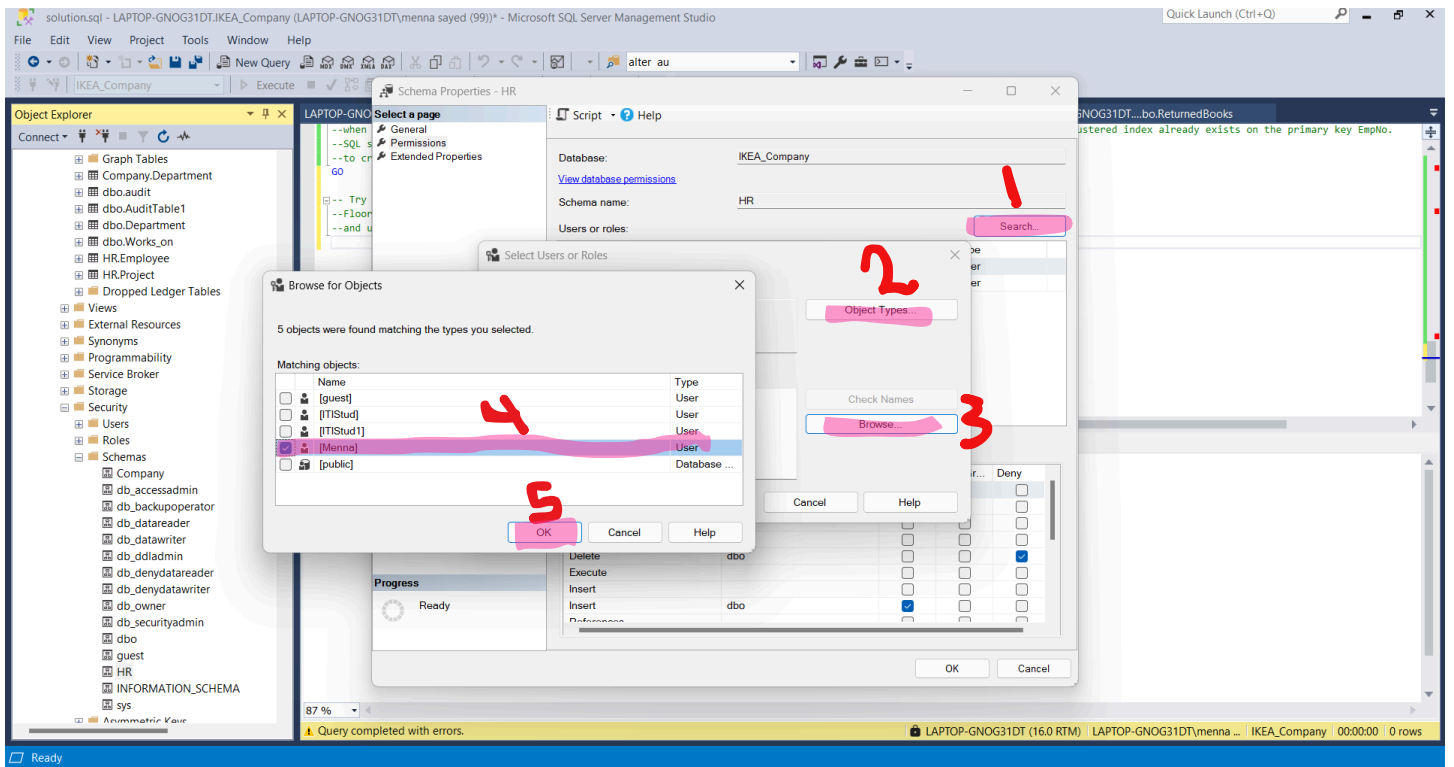
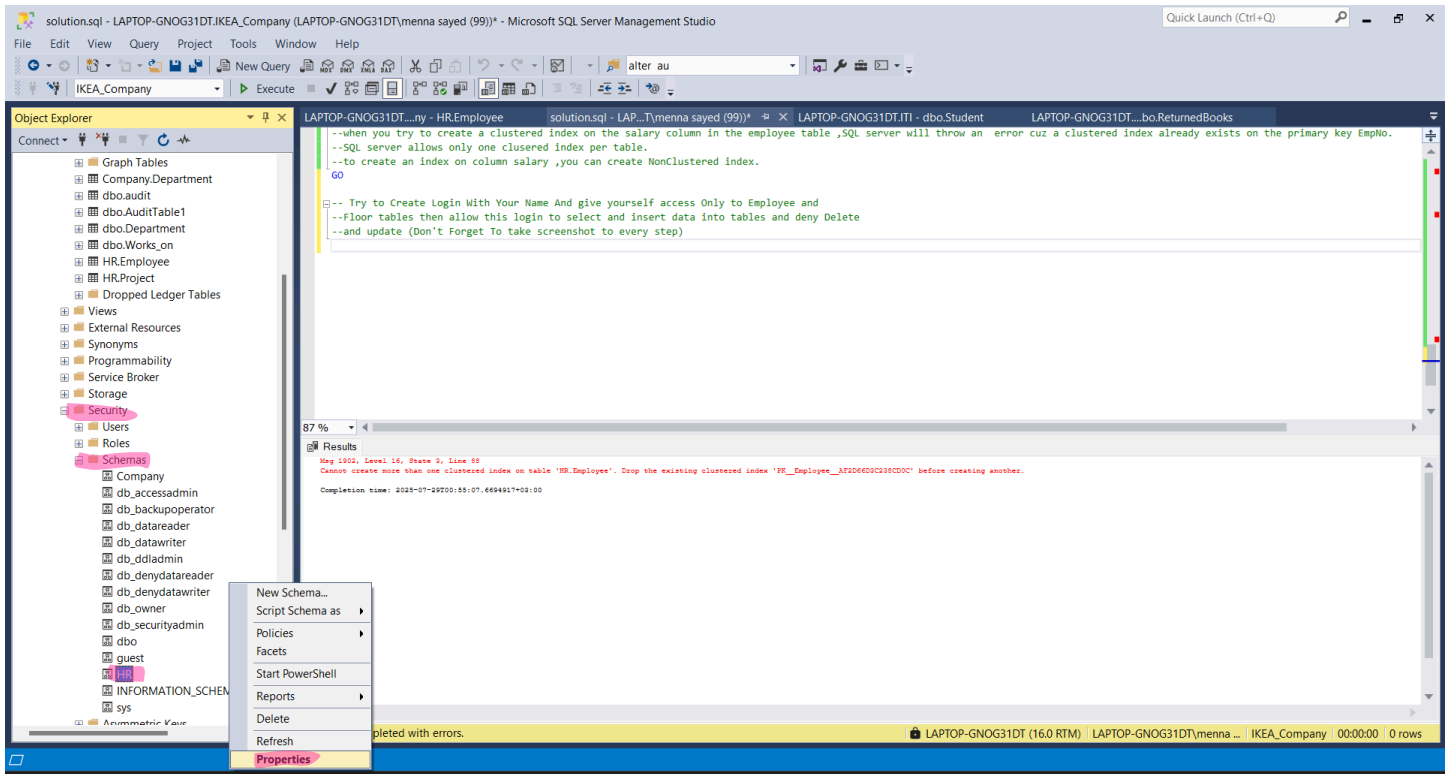
3. **step 3** : create a user in the database .

- in this step , i created a user inside the DB and linked it to the login i created earlier(MennaLogin).



3. **Step 4** :Grant access to the required schema (HR) .

- in this step , i granted the user MennaUser access to the specific schema (HR) that contains the Employee table .



Microsoft SQL Server Management Studio interface showing the Schema Properties dialog for the HR schema in the IKEA_Company database. The dialog is open to the 'Permissions' tab, showing the list of users and roles. The user 'Menna' is highlighted in pink. The 'Permissions for Menna' table shows the following permissions:

Permission	Grantor	Grant	With Gr...	Deny
Delete		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Execute		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insert		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
References		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Select		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Take ownership		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unmask		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Update		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The background shows the Object Explorer with the HR schema expanded, and the SQL query editor with a comment about creating a clustered index on the salary column.

5. step 5 : test

Microsoft SQL Server Management Studio interface showing a SQL query being executed. The query is:

```

use IKEA_Company
update HR.Employee
set EmpNo =22222
where EmpNo=11111
delete from HR.Employee
where EmpNo=11111
  
```

The query is highlighted in yellow. A large red bracket and the text "Not Allow." are drawn over the query, indicating that the user 'Menna' does not have the necessary permissions to execute these statements. The Messages pane shows the following error messages:

```

Msg 229, Level 14, State 5, Line 3
The UPDATE permission was denied on the object 'Employee', database 'IKEA_Company', schema 'HR'.
Msg 229, Level 14, State 5, Line 7
The DELETE permission was denied on the object 'Employee', database 'IKEA_Company', schema 'HR'.
  
```

The completion time is 2025-07-29T01:15:49.0269538+03:00. The status bar at the bottom indicates "Query completed with errors."