

## Object Explorer

Connect ▾



DESKTOP-THE2BEP (SQL Server 16.0.1135.2 - DESKTOP-THE2BEP)

⊕ Databases

⊕ Security

⊕ Server

⊕ Reports

⊕ Alerts

⊕ Management

⊕ Integration Services Catalog

⊕ SQL Server Agent (Agent)

⊕ XEvent Profiler

New ▶

Reports ▶

Refresh

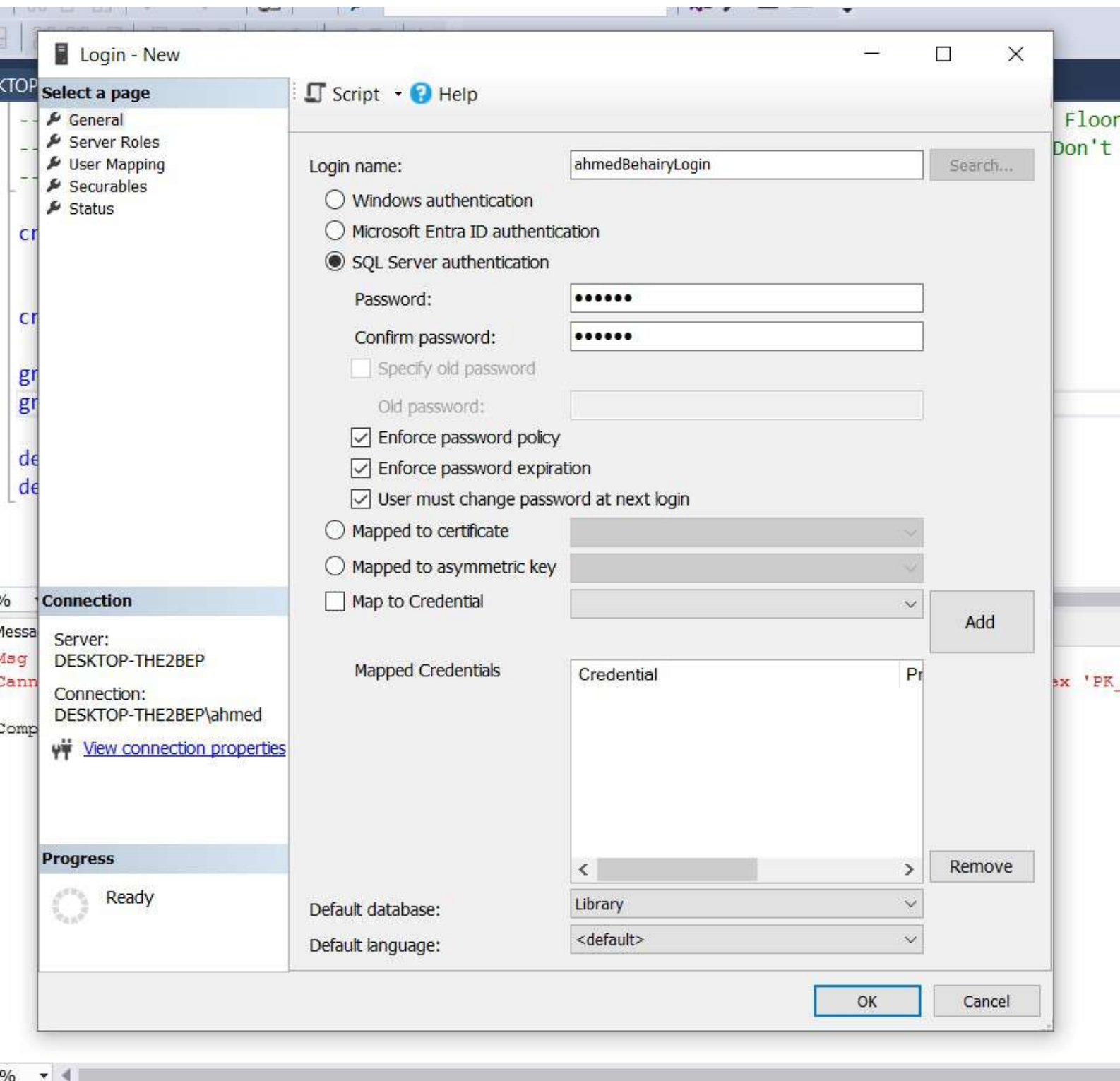
Login...

Server Role...

Credential...

Audit...

Server Audit Specification...



- ITI
- Library
  - Database Diagrams
  - Tables
  - Views
  - External Resources
  - Synonyms
  - Programmability
  - Service Broker
  - Storage
  - Security
- musicana
- MyCompa
- RouteCom
- sales
- studentWizard
- Security
- Server Objects
- Replication
- Always On High Availability
- Management
- Integration Services Catalogs

- New
- Reports
- Refresh

- User...
- Database Role...
- Application Role...
- Schema...
- Column Master Key...
- Column Encryption Key...
- Database Audit Specification...
- Security Policy...

grant select

deny delete

deny delete

108 %

Messages

Msg 1902, Level

create

ion tim

Database User - New

Select a page

General

Owned Schemas

Membership

Securables

Extended Properties

Connection

Server:  
DESKTOP-THE2BEP

Connection:  
DESKTOP-THE2BEP\ahmed

View connection properties

Progress

Ready

Script

Help

User type:

SQL user with login

User name:

ahmedBehairyUser

Login name:

ahmedBehairyLogin

Default schema:

dbo

OK

Cancel



## Library

+ Database Diagrams

+ Tables

+ System Tables

+ FileTables

+ External Tables

+ Graph Tables

+ dbo.Author

+ dbo.Book

+ dbo.Book\_Auth

+ dbo.Borrowing

+ dbo.Category

+ **dbo.Employee**

+ dbo.Floor

+ dbo.Publisher

+ dbo.Shelf

+ dbo.User\_phon

+ dbo.Users

+ Dropped Ledge

+ Views

+ External Resource

+ Synonyms

+ Programmability

+ Service Broker

+ Storage

New Table...

Design

Select Top 1000 Rows

Edit Top 200 Rows

Script Table as

View Dependencies

Memory Optimization Advisor

Encrypt Columns...

Full-Text index

Storage

Policies

Facets

Start PowerShell

Reports

Rename

Delete

Refresh

Properties

Table Properties - Employee

Select a page

General

Permissions

Change Tracking

Storage

Security Predicates

Extended Properties

Connection

Server:  
DESKTOP-THE2BEP

Connection:  
DESKTOP-THE2BEP\ahmed

View connection properties

Progress

Ready

Script

Help

Schema:

[View schema permissions](#)

Table name:

Users or roles:

Name	Type
ahmedBehairyUser	User

Permissions for ahmedBehairyUser:

Column Permissions...

Explicit

Effective

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

OK

Cancel



DESKTOP-THE2BEP (SQL Server 16.0.1135.2 - ahmedBehairyLog)

- [-] Databases
  - [+] System Databases
  - [+] Database Snapshots
  - [+] AdventureWorks2012
    - airLine
  - [+] CompanyG02
  - [+] hospital
  - [+] IKEA\_Company
  - [+] ITI
  - [-] Library
    - [+] Database Diagrams
    - [-] Tables
      - [+] System Tables
      - [+] FileTables
      - [+] External Tables
      - [+] Graph Tables
      - [+] dbo.Employee
      - [+] dbo.Floor
      - [+] Dropped Ledger Tables
    - [+] Views
    - [+] External Resources
    - [+] Synonyms





```
select * from Employee
select * from Floor
```

108 %

Results Messages

	Id	Fname	Lname	phone	Email	Address	DOB	Salary	Bouns	Super_id	Floor_no
1	1	Ahmed	Omar	0123547896	AhmedOmar@gmail.com	Cairo	1999-07-02	1500	500	2	1
2	2	Amr	Ali	0159652365	Amr@gmail.com	Alex	1998-05-02	2500	500	1	1
3	3	Mona	Ahmed	0125478956	Mona@gmail.com	Cairo	1999-06-04	6000	500	1	1
4	4	Laila	Ahmed	0101235478	NULL	NULL	NULL	5000	NULL	1	2
5	5	Omar	Amr	0136525252	OmarAmr@gmail.com	Cairo	2002-05-06	NULL	200	2	2
6	6	Alaa	Tarek	0123654789	AlaaTarek@gmail.com	Alex	2003-12-02	4000	250	1	2
7	7	Maha	Ahmed	0123467898	MahaAhmed@gmail.com	Alex	2004-02-25	NULL	200	3	2
8	8	Gehad	Omar	0123654789	Gehad@gmail.com	Cairo	2001-12-04	5000	500	1	3

	Number	Num_blocks	MG_ID	Hiring_Date
1	1	3	3	2022-05-01
2	2	2	1	2022-06-05
3	3	1	4	2022-05-05
4	4	2	12	2022-06-06
5	5	2	6	2022-03-05

Activate Windows  
Go to Settings to activate Windows

Query executed successfully. DESKTOP-THE2BEP (16.0 RTM) DESKTOP-THE2BEP\ahmed ... Library 00:00:00



DBExam - Copy.sql...E2BEP\ahmed (60))\*

```
create user ahmedBehairyuser for login ahmedBehairylogin
```

```
grant select, insert on dbo.employee to ahmedBehairyuser
```

```
grant select, insert on dbo.floor to ahmedBehairyuser
```

```
deny delete, update on dbo.employee to ahmedBehairyuser
```

```
deny delete, update on dbo.floor to ahmedBehairyuser
```

```
select * from Employee
```

```
select * from Floor
```

```
update Employee set employee.Address='test2' where Employee.Id=1
```

```
update Floor set floor.Number=5555 where Floor.Number=1
```

108 %

Messages

Msg 229, Level 14, State 5, Line 496

The UPDATE permission was denied on the object 'Employee', database 'Library', schema 'dbo'.

Completion time: 2025-06-28T10:15:08.7293033+03:00