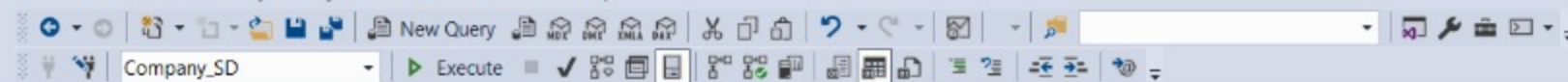
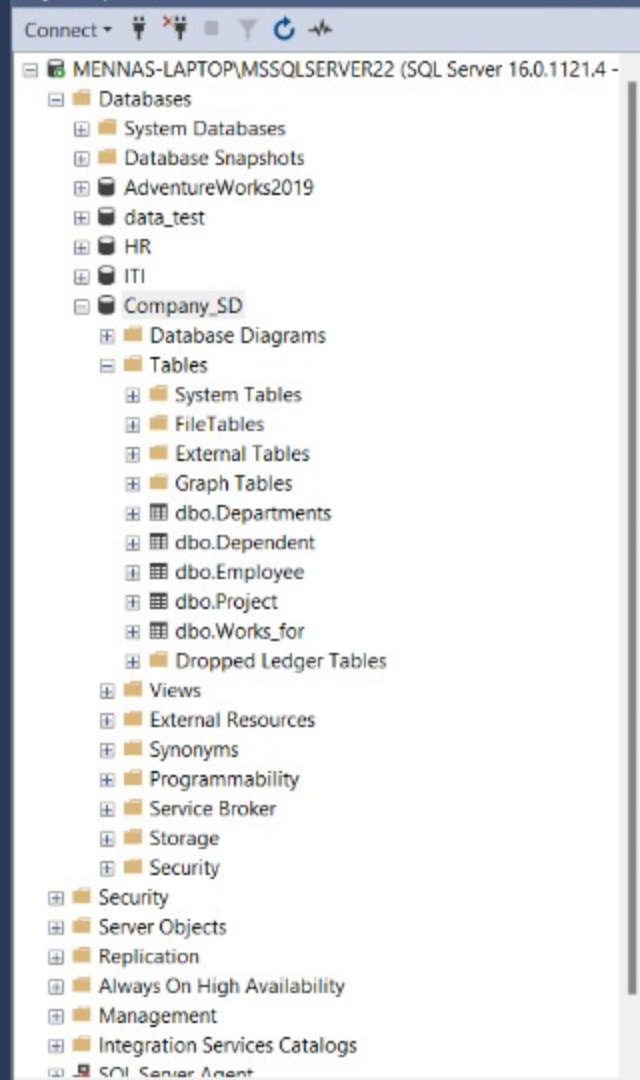


File Edit View Query Project Tools Window Help



Object Explorer



SQLQuery3.sql - M...mpany\_SD (sa (71))\* x Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

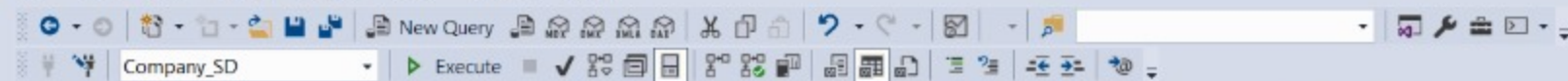
```
1 --1. Display the Department id, name and id and the name of its manager.
2 select Dnum , Dname , SSN , Fname +' '+Lname as name from Departments inner join Employee on Employee.SSN = Departments.MGRSSN
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
```

100 %

Results Messages

	Dnum	Dname	SSN	name
1	10	DP1	223344	Kamel Mohamed
2	20	DP2	968574	Noha Mohamed
3	30	DP3	512463	Edward Hanna

File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.1121.4)

Databases

System Databases

Database Snapshots

AdventureWorks2019

data\_test

HR

ITI

Company\_SD

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.Departments

dbo.Dependent

dbo.Employee

dbo.Project

dbo.Works\_for

Dropped Ledger Tables

Views

External Resources

Synonyms

Programmability

Service Broker

Storage

Security

Security

Server Objects

Replication

Always On High Availability

Management

Integration Services Catalogs

SQL Server Agent

SQLQuery3.sql - M...mpany\_SD (sa (71))\* Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

```
1 --1. Display the Department id, name and id and the name of its manager.
2 select Dnum , Dname , SSN , Fname + ' ' + Lname as name from Departments inner join Employee on Employee.SSN = Departments.MGRSSN
3
4 --2. Display the name of the departments and the name of the projects under its control.
5 select Pname, Dname from Project inner join Departments on Departments.Dnum = Project.Dnum
6
7
8
9
10
11
12
13
14
15
16
17
18
```

100 %

Results Messages

	Pname	Dname
1	Al Solimaniah	DP1
2	Al Rebwah	DP1
3	Al Rawdah	DP1
4	Al Rowad	DP2
5	Al Rehab	DP3
6	Pitcho american	DP3
7	Ebad El Rahman	DP2

File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.1121.4)

- Databases
  - System Databases
  - Database Snapshots
  - AdventureWorks2019
  - data\_test
  - HR
  - ITI
  - Company\_SD
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.Departments
      - dbo.Dependent
      - dbo.Employee
      - dbo.Project
      - dbo.Works\_for
    - Dropped Ledger Tables
  - Views
  - External Resources
  - Synonyms
  - Programmability
  - Service Broker
  - Storage
  - Security
- Security
- Server Objects
- Replication

SQLQuery3.sql - M...mpany\_SD (sa (71))\* Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

```
--1. Display the Department id, name and id and the name of its manager.
select Dnum , Dname , SSN , Fname +' '+Lname as name from Departments inner join Employee on Employee.SSN = Departments.MGRSSN

--2. Display the name of the departments and the name of the projects under its control.
select Pname, Dname from Project inner join Departments on Departments.Dnum = Project.Dnum

--3. Display the full data about all the dependence associated with the name of the employee they depend on him/her.
select Dependent.*, Fname +' '+Lname as name from Dependent left outer join Employee on Employee.SSN = Dependent.ESSN
```

100 %

Results Messages

	ESSN	Dependent_name	Sex	Bdate	name
1	112233	Hala Saied Ali	F	1970-10-18 00:00:00.000	Ahmed Ali
2	223344	Ahmed Kamel Shawki	M	1998-03-27 00:00:00.000	Kamel Mohamed
3	223344	Mona Adel Mohamed	F	1975-04-25 00:00:00.000	Kamel Mohamed
4	321654	Omar Amr Omran	M	1993-03-30 00:00:00.000	Amr Omran
5	321654	Ramy Amr Omran	M	1990-01-26 00:00:00.000	Amr Omran
6	321654	Senaa Gawish	F	1973-05-16 00:00:00.000	Amr Omran
7	512463	Nora Ghaly	F	1976-06-22 00:00:00.000	Edward Hanna
8	512463	Sara Edward	F	2001-09-15 00:00:00.000	Edward Hanna



File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.11214 -

- Databases
  - System Databases
  - Database Snapshots
  - AdventureWorks2019
  - data\_test
  - HR
  - ITI
  - Company\_SD
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.Departments
      - dbo.Dependent
      - dbo.Employee
      - dbo.Project
      - dbo.Works\_for
      - Dropped Ledger Tables
    - Views
    - External Resources
    - Synonyms
    - Programmability
    - Service Broker
    - Storage
    - Security
  - Security
  - Server Objects

SQLQuery3.sql - M...mpany\_SD (sa (71))\* Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

```
3
4 --2. Display the name of the departments and the name of the projects under its control.
5 select Pname, Dname from Project inner join Departments on Departments.Dnum = Project.Dnum
6
7 --3. Display the full data about all the dependence associated with the name of the employee they depend on him/her.
8 select Dependent.*, Fname + ' ' + Lname as name from Dependent left outer join Employee on Employee.SSN = Dependent.ESSN
9
10 --4. Display the Id, name and location of the projects in Cairo or Alex city.
11 select Pnumber , Pname , Plocation from Project where city in ('Cairo','Alex')
12
13
14
15
16
17
18
19
20
```

100 %

Results Messages

	Pnumber	Pname	Plocation
1	100	AL Solimaniah	Cairo_Alex Road
2	500	Al Rehab	Near City
3	600	Pitcho american	Maady
4	700	Ebad El Rahman	Ring Road

File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.1121.4 -

Databases

System Databases

Database Snapshots

AdventureWorks2019

data\_test

HR

ITI

Company\_SD

Database Diagrams

Tables

System Tables

FileTables

External Tables

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dbo.Departments

dbo.Dependent

dbo.Employee

dbo.Project

dbo.Works\_for

Dropped Ledger Tables

Views

External Resources

Synonyms

Programmability

Service Broker

Storage

Security

SQLQuery3.sql - M...mpany\_SD (sa (71))\* Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

1 --1. Display the Department id, name and id and the name of its manager.

2 select Dnum , Dname , SSN , Fname + ' ' + Lname as name from Departments inner join Employee on Employee.SSN = Departments.MGRSSN

3

4 --2. Display the name of the departments and the name of the projects under its control.

5 select Pname, Dname from Project inner join Departments on Departments.Dnum = Project.Dnum

6

7 --3. Display the full data about all the dependence associated with the name of the employee they depend on him/her.

8 select Dependent.\*, Fname + ' ' + Lname as name from Dependent left outer join Employee on Employee.SSN = Dependent.ESSN

9

10 --4. Display the Id, name and location of the projects in Cairo or Alex city.

11 select Pnumber , Pname , Plocation from Project where city in ('Cairo','Alex')

12

13 --5. Display the Projects full data of the projects with a name starts with "a" letter.

14 select \* from Project where Pname like 'a%'

15

16

17

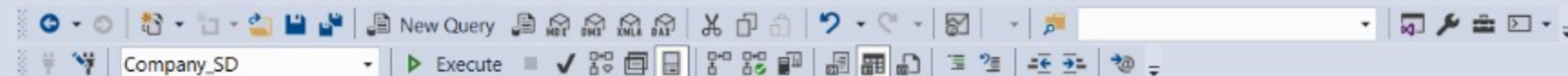
18

100 %

Results Messages

	Pname	Pnumber	Plocation	City	Dnum
1	AL Solimaniah	100	Cairo_Alex Road	Alex	10
2	Al Rabwah	200	6th of October City	Giza	10
3	Al Rawdah	300	Zaied City	Giza	10
4	Al Rowad	400	Cairo_Faiyom Road	Giza	20
5	Al Rehab	500	Naer City	Cairo	30

File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.1121.4 -

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      - FileTables
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      - Graph Tables
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      - dbo.Dependent
      - dbo.Employee
      - dbo.Project
      - dbo.Works\_for
    - Dropped Ledger Tables
  - Views
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  - Synonyms
  - Programmability
  - Service Broker
  - Storage
  - Security

SQLQuery3.sql - M...mpany\_SD (sa (71))\* Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

```
1 --1. Display the Department id, name and id and the name of its manager.
2 select Dnum , Dname , SSN , Fname + ' ' + Lname as name from Departments inner join Employee on Employee.SSN = Departments.MGRSSN
3
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5 select Pname, Dname from Project inner join Departments on Departments.Dnum = Project.Dnum
6
7 --3. Display the full data about all the dependence associated with the name of the employee they depend on him/her.
8 select Dependent.*, Fname + ' ' + Lname as name from Dependent left outer join Employee on Employee.SSN = Dependent.ESSN
9
10 --4. Display the Id, name and location of the projects in Cairo or Alex city.
11 select Pnumber , Pname , Plocation from Project where city in ('Cairo','Alex')
12
13 --5. Display the Projects full data of the projects with a name starts with "a" letter.
14 select * from Project where Pname like 'a%'
15
16 --6. display all the employees in department 30 whose salary from 1000 to 2000 LE monthly
17 select * from Employee where Dno=30 and Salary between 1000 and 2000
18
```

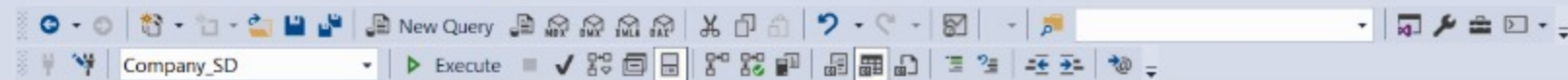
100 %

Results Messages

	Fname	Lname	SSN	Bdate	Address	Sex	Salary	Superssn	Dno
1	Edward	Hanna	512463	1972-08-19 00:00:00.000	18 Abaas El Zakaad St. Nasr City,Cairo	M	1500	321654	30
2	Maged	Raouf	521634	1980-06-04 00:00:00.000	18 Kholosi at Shobra,Cairo	M	1000	968574	30



File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.1121.4 -

- Databases
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      - dbo.Works\_for
      - Dropped Ledger Tables
    - Views
    - External Resources

SQLQuery3.sql - M...mpany\_SD (sa (71))\* Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

```
7  --3.  Display the full data about all the dependence associated with the name of the employee they depend on him/her.
8  select Dependent.*, Fname + ' '+Lname as name from Dependent left outer join Employee on Employee.SSN = Dependent.ESSN
9
10 --4.  Display the Id, name and location of the projects in Cairo or Alex city.
11 select Pnumber , Pname , Plocation from Project where city in ('Cairo','Alex')
12
13 --5.  Display the Projects full data of the projects with a name starts with "a" letter.
14 select * from Project where Pname like 'a%'
15
16 --6.  display all the employees in department 30 whose salary from 1000 to 2000 LE monthly
17 select * from Employee where Dno=30 and Salary between 1000 and 2000
18
19
20 --7.  Retrieve the names of all employees in department 10 who works more than or equal 10 hours per week on "AL Rabwah" project.
21 select Fname + ' '+Lname as name from Employee inner join Works_for on Employee.SSN = Works_for.ESSN and Hours >=10 inner join Project on
22 Project.Pnumber = Works_for.Pno and Project.Pname = 'AL Rabwah'
23
24
```

100 %

Results Messages

	name
1	Kamel Mohamed

File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.11214 -

- Databases
  - System Databases
  - Database Snapshots
  - AdventureWorks2019
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  - HR
  - ITI
  - Company\_SD
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    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.Departments
      - dbo.Dependent
      - dbo.Employee
      - dbo.Project
      - dbo.Works\_for
      - Dropped Ledger Tables
    - Views
    - External Resources
    - Synonyms
    - Programmability
    - Service Broker
    - Storage
    - Security

SQLQuery3.sql - M...mpany\_SD (sa (71))\* Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

```
12
13 --5.    Display the Projects full data of the projects with a name starts with "a" letter.
14 select * from Project where Pname like 'a%'
15
16 --6.    display all the employees in department 30 whose salary from 1000 to 2000 LE monthly
17 select * from Employee where Dno=30 and Salary between 1000 and 2000
18
19
20 --7.    Retrieve the names of all employees in department 10 who works more than or equal 10 hours per week on "AL Rabwah" project.
21 select Fname + ' ' + Lname as name from Employee inner join Works_for on Employee.SSN = Works_for.ESSn and Hours >=10 inner join Project on
22 Project.Pnumber = Works_for.Pno and Project.Pname = 'AL Rabwah'
23
24
25 --8.    Find the names of the employees who directly supervised with Kamel Mohamed.
26 SELECT a.Fname + ' ' + a.Lname as name FROM Employee a , Employee b
27 where a.Superssn = b.SSN
28 AND b.Fname + ' ' + b.Lname = 'Kamel Mohamed'
29
```

100 %

Results Messages

	name
1	Ahmed Ali
2	Hanaa Sobhy



File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.1121.4 -

- Databases
  - System Databases
  - Database Snapshots
  - AdventureWorks2019
  - data\_test
  - HR
  - ITI
  - Company\_SD
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.Departments
      - dbo.Dependent
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      - dbo.Project
      - dbo.Works\_for
    - Dropped Ledger Tables
  - Views
  - External Resources
  - Synonyms

SQLQuery3.sql - M...mpany\_SD (sa (71))\* Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

```
17 select * from Employee where Dno=30 and Salary between 1000 and 2000
18
19
20 --7. Retrieve the names of all employees in department 10 who works more than or equal 10 hours per week on "AL Rabwah" project.
21 select Fname + ' ' + Lname as name from Employee inner join Works_for on Employee.SSN = Works_for.ESSN and Hours >= 10 inner join Project on
22 Project.Pnumber = Works_for.Pno and Project.Pname = 'AL Rabwah'
23
24
25 --8. Find the names of the employees who directly supervised with Kamel Mohamed.
26 SELECT a.Fname + ' ' + a.Lname as name FROM Employee a , Employee b
27 where a.Superssn = b.SSN
28 AND b.Fname + ' ' + b.Lname = 'Kamel Mohamed'
29
30
31 --9. Retrieve the names of all employees and the names of the projects they are working on, sorted by the project name.
32 select Fname + ' ' + Lname as name , Pname from Employee inner join Works_for on Employee.SSN = Works_for.ESSN inner join Project on
33 Project.Pnumber = Works_for.Pno order by Pname
34
```

100 %

Results Messages

	name	Pname
1	Kamel Mohamed	Al Rabwah
2	Kamel Mohamed	Al Rawdah
3	Maged Raouf	Al Rawdah
4	Mariam Adel	Al Rawdah
5	Noha Mohamed	Al Rawdah
6	Maged Raouf	Al Rabwah

File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.1121.4 -

Databases

System Databases

Database Snapshots

AdventureWorks2019

data\_test

HR

ITI

Company\_SD

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.Departments

dbo.Dependent

dbo.Employee

dbo.Project

dbo.Works\_for

SQLQuery3.sql - M...mpany\_SD (sa (71))\* X Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

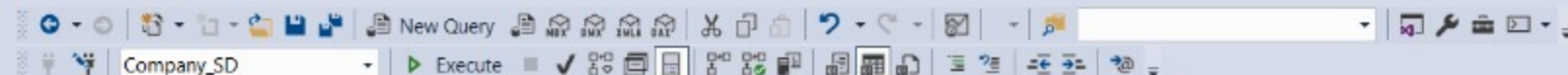
```
22 Project.Pnumber = Works_for.Pno and Project.Pname = 'AL Rabwah'
23
24
25 --8. Find the names of the employees who directly supervised with Kamel Mohamed.
26 SELECT a.Fname + ' ' + a.Lname as name FROM Employee a , Employee b
27 where a.Superssn = b.SSN
28 AND b.Fname + ' ' + b.Lname = 'Kamel Mohamed'
29
30
31 --9. Retrieve the names of all employees and the names of the projects they are working on, sorted by the project name.
32 select Fname + ' ' + Lname as name , Pname from Employee inner join Works_for on Employee.SSN = Works_for.ESSn inner join Project on
33 Project.Pnumber = Works_for.Pno order by Pname
34
35
36 --10. For each project located in Cairo City , find the project number, the controlling department name ,the department manager last name ,addr
37 select Number, Dname , Lname, Address,Bdate from Project inner join Departments on Project.Dnum = Departments.Dnum and city = 'Cairo'
38 inner join Employee on Employee.SSN = Departments.MGRSSN
39
```

100 %

Results Messages

	Pnumber	Dname	Lname	Address	Bdate
1	500	DP3	Hanna	18 Abas El Zakaad St Nasr City Cairo	1972-08-19 00:00:00.000

File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.1121.4 -

- Databases
  - System Databases
  - Database Snapshots
  - AdventureWorks2019
  - data\_test
  - HR
  - ITI
  - Company\_SD
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.Departments
      - dbo.Dependent
      - dbo.Employee
      - dbo.Project
      - dbo.Works\_for
      - Dropped Ledger Tables
    - Views
    - External Resources
    - Synonyms

SQLQuery3.sql - M...mpany\_SD (sa (71)) Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58)) Demo\_Day2.sql - ME...VER22.ITI (sa (54))

```
28 AND b.Fname + ' ' + b.Lname = 'Kamel Mohamed'
29
30
31 --9. Retrieve the names of all employees and the names of the projects they are working on, sorted by the project name.
32 select Fname + ' ' + Lname as name , Pname from Employee inner join Works_for on Employee.SSN = Works_for.ESSN inner join Project on
33 Project.Pnumber = Works_for.Pno order by Pname
34
35
36 --10. For each project located in Cairo City , find the project number, the controlling department name ,the department manager last name ,addr
37 select Pnumber, Dname , Lname, Address,Bdate from Project inner join Departments on Project.Dnum = Departments.Dnum and city = 'Cairo'
38 inner join Employee on Employee.SSN = Departments.MGRSSN
39
40
41 --11. Display All Data of the managers
42 SELECT distinct a.* FROM Employee a , Departments b
43 where a.SSN = b.MGRSSN
44
45
```

100 %

Results Messages

	Fname	Lname	SSN	Bdate	Address	Sex	Salary	Superssn	Dno
1	Kamel	Mohamed	223344	1970-10-15 00:00:00.000	38 Mohy el dien abo el Ezz St.Cairo	M	1800	321654	10
2	Edward	Hanna	512463	1972-08-19 00:00:00.000	18 Abeas El Zakaad St Naser City,Cairo	M	1500	321654	30
3	Noha	Mohamed	968574	1975-01-02 00:00:00.000	55 Orabi St. El Mohandiseen ,Cairo	F	1600	321654	20



File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.11214 -

- Databases
  - System Databases
  - Database Snapshots
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  - data\_test
  - HR
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    - Database Diagrams
    - Tables
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      - Graph Tables
      - dbo.Departments
      - dbo.Dependent
      - dbo.Employee
      - dbo.Project
      - dbo.Works\_for
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    - Views
    - External Resources
    - Synonyms
    - Programmability
    - Service Broker
    - Storage
    - Security
  - Security
    - Server Objects
    - Replication
    - Always On High Availability

SQLQuery3.sql - M...mpany\_SD (sa (71))\* x Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

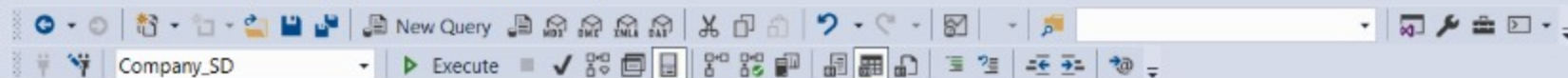
```
35
36 --10. For each project located in Cairo City , find the project number, the controlling department name ,the department manager last name ,addr
37 select Pnumber, Dname , Lname, Address,Bdate from Project inner join Departments on Project.Dnum = Departments.Dnum and city = 'Cairo'
38 inner join Employee on Employee.SSN = Departments.MGRSSN
39
40
41 --11. Display All Data of the managers
42 SELECT distinct a.* FROM Employee a , Departments b
43 where a.SSN = b.MGRSSN
44
45
46 --12. Display All Employees data and the data of their dependents even if they have no dependents
47 select Employee.* ,Dependent.* from Dependent right outer join Employee on Employee.SSN = Dependent.ESSN
48
49
50
51
52
```

100 %

Results Messages

	Fname	Lname	SSN	Bdate	Address	Sex	Salary	Superssn	Dno	ESSN	Dependent_Lname	Sex	Bdate
1	Ahmed	Ali	112233	1965-01-01 00:00:00.000	15 Ali fahmy St.Giza	M	1300	223344	NULL	112233	Hala Saied Ali	F	1970-10-18 00:00:00.000
2	Hanaa	Sobhy	123456	1973-03-18 00:00:00.000	38 Abdel Khalik Tharwat St. Downtown.Cairo	F	800	223344	NULL	NULL	NULL	NULL	NULL
3	Kamel	Mohamed	223344	1970-10-15 00:00:00.000	38 Mohy el dien abo el Ezz St.Cairo	M	1800	321654	10	223344	Ahmed Kamel Shawki	M	1998-03-27 00:00:00.000
4	Kamel	Mohamed	223344	1970-10-15 00:00:00.000	38 Mohy el dien abo el Ezz St.Cairo	M	1800	321654	10	223344	Mona Adel Mohamed	F	1975-04-25 00:00:00.000
5	Amr	Omran	321654	1963-09-14 00:00:00.000	44 Hilopolis.Cairo	M	2500	NULL	NULL	321654	Omar Amr Omran	M	1993-03-30 00:00:00.000
6	Amr	Omran	321654	1963-09-14 00:00:00.000	44 Hilopolis.Cairo	M	2500	NULL	NULL	321654	Flamy Amr Omran	M	1990-01-26 00:00:00.000
7	Amr	Omran	321654	1963-09-14 00:00:00.000	44 Hilopolis.Cairo	M	2500	NULL	NULL	321654	Sanaa Gawish	F	1973-05-16 00:00:00.000
8	Edward	Hanna	512463	1972-08-19 00:00:00.000	18 Abaa El Zakaad St. Naer City.Cairo	M	1500	321654	30	512463	Nora Ghaly	F	1976-06-22 00:00:00.000
9	Edward	Hanna	512463	1972-08-19 00:00:00.000	18 Abaa El Zakaad St. Naer City.Cairo	M	1500	321654	30	512463	Sara Edward	F	2001-09-15 00:00:00.000
10	Maged	Raouf	521634	1980-08-04 00:00:00.000	18 Kholosi st.Shobra.Cairo	M	1000	968574	30	NULL	NULL	NULL	NULL
11	Mariam	Adel	669955	1982-12-06 00:00:00.000	269 El-Haram st. Giza	F	750	512463	20	NULL	NULL	NULL	NULL
12	Noha	Mohamed	968574	1975-01-02 00:00:00.000	55 Orabi St. El Mohandiseen .Cairo	F	1600	321654	20	NULL	NULL	NULL	NULL

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Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.1121.4 -

- Databases
  - System Databases
  - Database Snapshots
  - AdventureWorks2019
  - data\_test
  - HR
  - ITI
  - Company\_SD
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.Departments
      - dbo.Dependent
      - dbo.Employee
      - dbo.Project
      - dbo.Works\_for
    - Dropped Ledger Tables
  - Views
  - External Resources
  - Synonyms
  - Programmability
  - Service Broker
  - Storage
  - Security

SQLQuery3.sql - M...mpny\_SD (sa (71))\* Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpny\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

```
37 select Pnumber, Dname, Lname, Address, Bdate from Project inner join Departments on Project.Dnum = Departments.Dnum and city = 'Cairo'
38 inner join Employee on Employee.SSN = Departments.MGRSSN
39
40
41 --11. Display All Data of the managers
42 SELECT distinct a.* FROM Employee a, Departments b
43 where a.SSN = b.MGRSSN
44
45
46 --12. Display All Employees data and the data of their dependents even if they have no dependents
47 select Employee.*, Dependent.* from Dependent right outer join Employee on Employee.SSN = Dependent.ESSN
48
49 --13. Insert your personal data to the employee table as a new employee in department number 30, SSN = 102672, Superssn = 112233, salary=3000
50 insert into Employee
51 ([Fname],[Lname],[SSN],[Bdate],[Address],[Sex],[Salary],[Superssn],[Dno])
52 VALUES('Aya','Kenawy',102672,'04-04-1990','PTS','F',3000,112233,30)
53
54
```

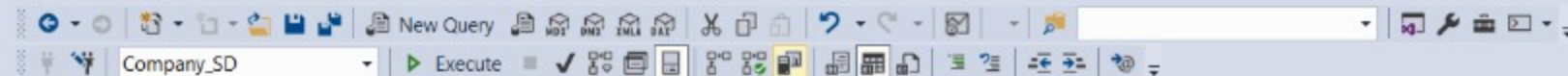
100 %

Messages

(1 row affected)

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File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.1121.4 -

- Databases
  - System Databases
  - Database Snapshots
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    - dbo.Departments
    - dbo.Dependent
    - dbo.Employee
    - dbo.Project
    - dbo.Works\_for
    - Dropped Ledger Tables
  - Views

SQLQuery3.sql - M...mpany\_SD (sa (71))\* Day3 Demos.sql - M...VER22.ITI (sa (59)) Lab 2 Menna Elmin...mpany\_SD (sa (58))\* Demo\_Day2.sql - ME...VER22.ITI (sa (54))

```
43 where a.SSN = b.MGRSSN
44
45
46 --12. Display All Employees data and the data of their dependents even if they have no dependents
47 select Employee.* ,Dependent.* from Dependent right outer join Employee on Employee.SSN = Dependent.ESSN
48
49 --13. Insert your personal data to the employee table as a new employee in department number 30, SSN = 102672, Superssn = 112233, salary=3000.
50 insert into Employee
51 ([Fname],[Lname],[SSN],[Bdate],[Address],[Sex],[Salary],[Superssn],[Dno])
52 VALUES ('Aya','Kenawy',102672,'04-04-1990','PTS','F',3000,112233,30)
53
54
55 --14. Insert another employee with personal data your friend as new employee in department number 30, SSN = 102660,
56 --but don't enter any value for salary or supervisor number to him.
57 insert into Employee
58 ([Fname],[Lname],[SSN],[Bdate],[Address],[Sex],[Dno])
59 VALUES ('Omnya','Ahmed',102660,'03-05-1992','PTS','F',30)
60
```

100 %

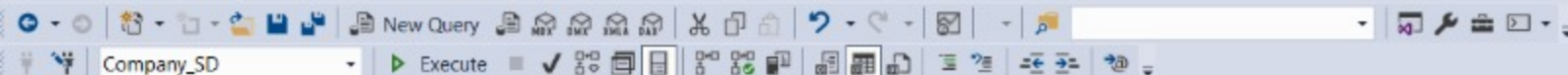
Messages

(1 row affected)

Completion time: 2024-08-09T21:02:26.2369979+03:00



File Edit View Query Project Tools Window Help



Object Explorer

Connect

MENNAS-LAPTOP\MSSQLSERVER22 (SQL Server 16.0.1121.4 -

Databases

System Databases

Database Snapshots

AdventureWorks2019

data\_test

HR

ITI

Company\_SD

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.Departments

dbo.Dependent

dbo.Employee

dbo.Project

dbo.Works for

SQLQuery3.sql - M...mpany\_SD (sa (71))\*

Day3 Demos.sql - M...VER22.ITI (sa (59))

Lab 2 Menna Elmin...mpany\_SD (sa (58))\*

Demo\_Day2.sql - ME...VER22.ITI (sa (54))

```
51 ([Fname],[Lname],[SSN],[Bdate],[Address],[Sex],[Salary],[Superssn],[Dno])
52 VALUES('Aya','Kenawy',102672,'04-04-1990','PTS','F',3000,112233,30)
53
54
55 --14. Insert another employee with personal data your friend as new employee in department number 30, SSN = 102660,
56 --but don't enter any value for salary or supervisor number to him.
57 insert into Employee
58 ([Fname],[Lname],[SSN],[Bdate],[Address],[Sex],[Dno])
59 VALUES('Omnya','Ahmed',102660,'03-05-1992','PTS','F',30)
60
61
62 --15.Upgrade your salary by 20 % of its last value.
63 update Employee
64 set salary += Salary*.2
65 where SSN =102672
66
```

100 %

Messages

(1 row affected)