

The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the connection is to 'DESKTOP-BLAC28R.companyDB' on 'DESKTOP-BLAC28R (eth (62))'. The Object Explorer on the left shows the database structure, including 'System Databases', 'System Snapshots', 'Scripting', 'Server Objects', 'Replication', 'PolyBase', 'Always On High Availability', 'Management', 'Integration Services Catalogs', and 'SQL Server Agent (Agent XPs disabled)'. The 'Events Profiler' node is also visible.

The main window contains a query editor with the following T-SQL code:

```
SQLQuery1.sql - DE_BLA... (62)* - x
SELECT * FROM Employee;
SELECT * FROM Department;
SELECT * FROM Location;
SELECT * FROM Project;
SELECT * FROM EMPDependent;
```

The results pane displays the data from the Employee table:

ID	EmployeeID	EmployeeName	DepartmentID	LocationID	ProjectID
1	1	John Doe	1	1	1
2	2	Jane Smith	2	2	2
3	3	Mike Johnson	3	3	3
4	4	Sarah Williams	4	4	4
5	5	David Miller	5	5	5

At the bottom, a status bar shows 'Query executed successfully.' and the system date/time '12/11/2023 00:00:00'. The taskbar at the very bottom includes icons for weather (27°C), search, file explorer, task manager, and system tray.

SQLQuery1.sql - DESKTOP-BLAC28R.companyDB (DESKTOP-BLAC28R\fehi (62)) - Microsoft SQL Server Management Studio (Administrator)

File Edit View Query Project Tools Window Help

Object Explorer

SQLQuery1.sql - DE\_BLA... (DESKTOP-BLAC28R\fehi (62)) \* x

```
VALUES
(1, 1, 8, '2012-04-15'),
(1, 1, 8, '2013-04-15'),
(3, 2, 8, '2018-12-05'),
(4, 2, 1, '2018-07-08'),
(5, 3, 8, '2016-02-11');

INSERT INTO WorkingHours (EmpSSN, Pnum, Numofhours)
VALUES
(1, 1, 40.0),
(2, 1, 35.5),
(3, 2, 42.0),
(4, 4, 38.0),
(5, 5, 38.0);

select*from Employee;
select*from Department;
select*from Location;
select*from Project;
select*from EPDDependent;
```

100 %

Results Messages

	Drum	Location
1	1	Muscat
2	2	Sohar
3	3	Nizwa
4	4	Salalah
5	5	Sur

Query executed successfully.

The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the connection is to DESKTOP-BLAC28R.companyDB (DESKTOP-BLAC28R\fatih (62)). The main area displays a query window with T-SQL code and its execution results.

**Query Window Content:**

```
(3, 2, 0, '2018-12-05'),  
(4, 2, 1, '2018-07-30'),  
(5, 3, 0, '2016-02-11');  
  
INSERT INTO WorkingHours (EmpSSN, Pnum, Numhours)  
VALUES  
(1, 1, 40.0),  
(2, 3, 35.5),  
(3, 2, 42.0),  
(4, 4, 30.0),  
(5, 5, 38.0);  
  
select*from Employee;  
  
select*from Department;  
  
select*from Location;  
  
select*from Project;  
  
select*from EMPDependent;  
  
select*from WorkingHours;
```

**Results Grid:**

Pnum	Function	Country	Branch
1	Payroll System	HQ	Muscat
2	Website Upgrade	HQ	Muscat
3	Recruitment Drive	Branch	Sohar
4	Ad Campaign	Branch	Salalah
5	Logistics Optimization	HQ	Sur

**Status Bar:** Query executed successfully.

The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the connection is to 'DESKTOP-BLAC28R\fatih (62)' as a Microsoft SQL Server Management Studio (Administrator). The Object Explorer on the left shows the database structure, including the 'companyDB' database selected. The central pane displays a query window with the following T-SQL code:

```
SQLQuery1.sql - DESKTOP-BLAC28R\fatih (62)* - Microsoft SQL Server Management Studio (Administrator)
File Edit View Query Project Tools Window Help
Object Explorer
Connect Connect to Database ...
SQLQuery1.sql - DE-BLAC28R\fatih (62)* - x
(4, 4, 30.0),
(5, 5, 35.5);

select * from Employee;
select * from Department;
select * from Dlocation;
select * from Project;
select * from EPDDependent;
select * from Workinghours;

100 %
Results Messages
EmpSSN Pnum NumWhours
1 1 40.0
2 2 3 35.5
3 3 2 42.0
4 4 4 30.0
5 5 5 30.0
```

The results grid at the bottom shows the following data:

EmpSSN	Pnum	NumWhours
1	1	40.0
2	2	3 35.5
3	3	2 42.0
4	4	4 30.0
5	5	5 30.0

The status bar at the bottom of the screen shows 'Query executed successfully.' and the system information 'DESKTOP-BLAC28R (15.0 RTM) DESKTOP-BLAC28R\fatih ... companyDB 00:00:00 5 rows'. The taskbar at the very bottom also displays the same system information.