

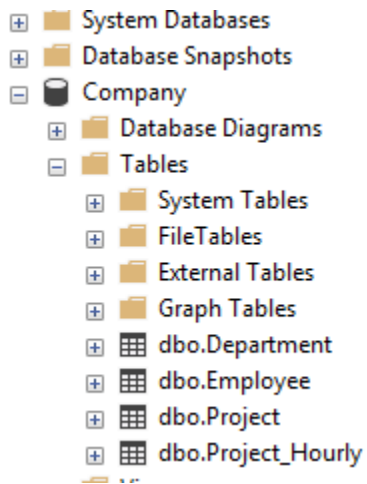
MileStone Assessment-2

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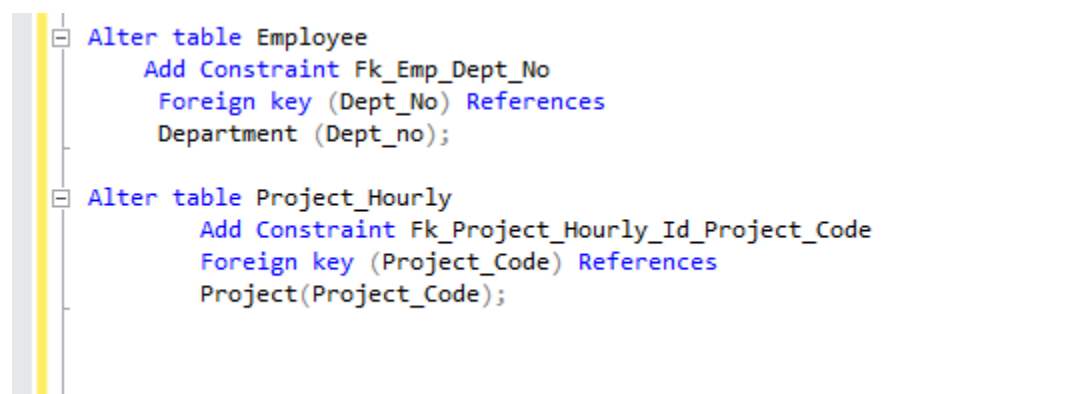
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- 1.We Need to normalization the Data , Please Create the normalization of 1NF,2NF And 3NF
- 2.On the Basis of 3NF need to Create DDL and DDM Operation

Ans: Creating Tables Department,Employee,Project And Project_Hourly



Giving Relations ,Primary key and foreign key

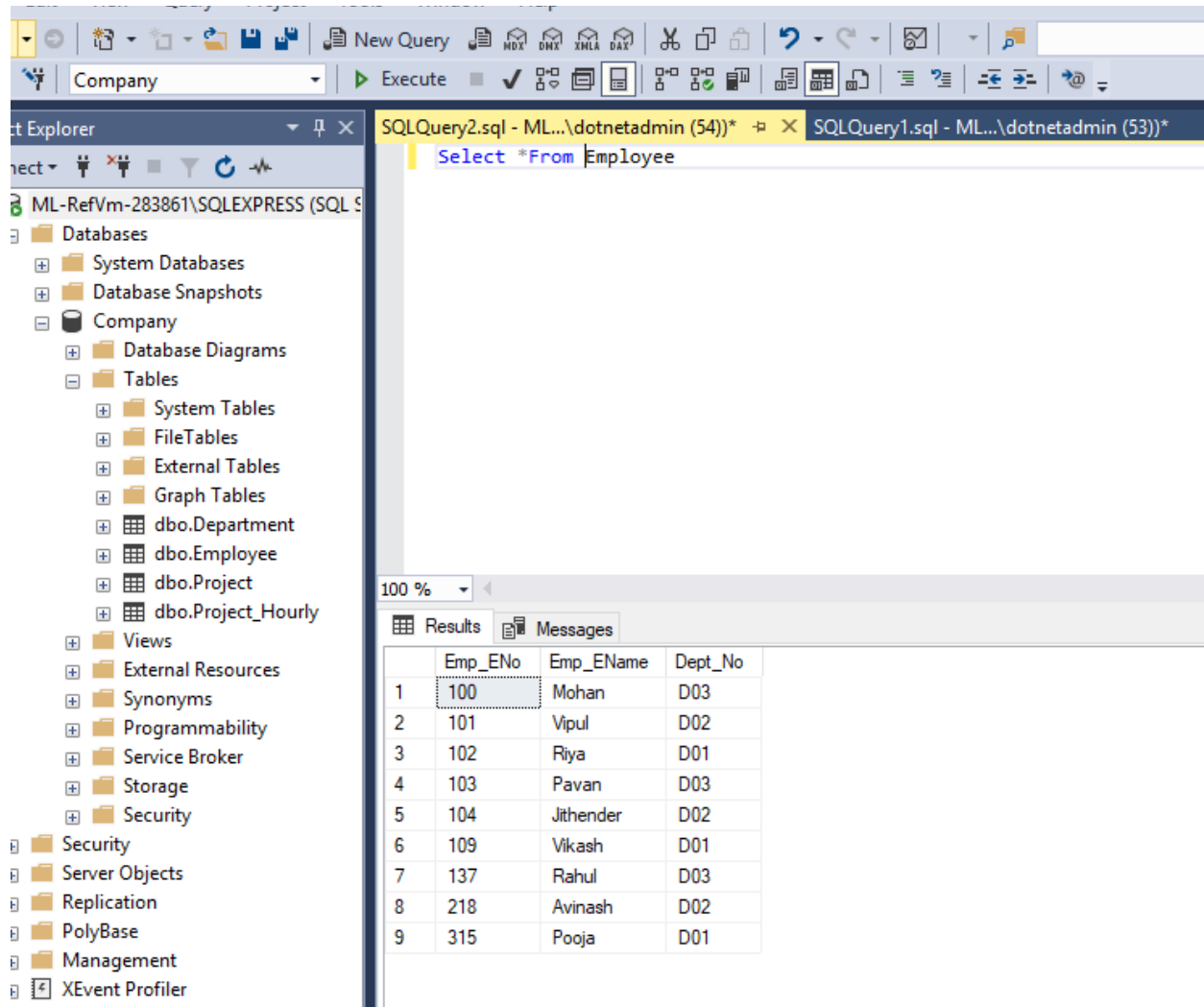


Inserting Data To a Table-Department

The screenshot shows the Microsoft SQL Server Management Studio interface. The title bar indicates the current query is 'SQLQuery2.sql' in the 'Company' database. The Object Explorer on the left shows the database structure, including tables like 'dbo.Department', 'dbo.Employee', 'dbo.Project', and 'dbo.Project_Hourly'. The query window in the center contains the SQL statement 'Select * From Department'. The Results pane at the bottom displays the output of the query as a table with two columns: 'Dept_No' and 'Dept_Name'.

	Dept_No	Dept_Name
1	D01	IT
2	D02	Testing
3	D03	Data base

Inserting Data into a Table Employee



The screenshot shows the Microsoft SQL Server Enterprise Manager interface. On the left, the 'Object Explorer' pane displays the database structure for 'ML-RefVm-283861\SQLEXPRESS (SQL S...)' under the 'Company' database. The 'Tables' folder is expanded, showing 'dbo.Employee'. The 'Query Editor' pane on the right shows a SQL query: `Select *From Employee`. The 'Results' pane at the bottom displays the data from the 'Employee' table. The table has three columns: 'Emp_ENo', 'Emp_EName', and 'Dept_No'. The first row has '100' highlighted in the 'Emp_ENo' column.

	Emp_ENo	Emp_EName	Dept_No
1	100	Mohan	D03
2	101	Vipul	D02
3	102	Riya	D01
4	103	Pavan	D03
5	104	Jithender	D02
6	109	Vikash	D01
7	137	Rahul	D03
8	218	Avinash	D02
9	315	Pooja	D01

Inserting Data into a table Project

SQLQuery2.sql - ML...\dotnetadmin (54))* SQLQuery1.sql - ML...\dotnetadmin (53))*

Select *From Project

100 %

Results

Messages

	Project_Code	Project_Name	Project_Budget
1	PC010	ReservationSystem	12050
2	PC011	HrSystem	50050
3	PC012	AttendanceSystem	71070

Inserting Data into a table Project_Hourly

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The left pane displays the 'Tables' folder expanded, showing a list of tables including 'Project_Hourly'. The right pane contains a query window titled 'SQLQuery2.sql - ML...\\dotnetadmin (54))*' with the following SQL statement:

```
Select *From Project_Hourly
```

Below the query window, the 'Results' tab is active, displaying a grid of data. The grid has 5 columns: 'Project_Hourly_Id', 'Project_Code', 'Project_Manager', and 'Hourly_Rate'. The data is as follows:

	Project_Hourly_Id	Project_Code	Project_Manager	Hourly_Rate
1	1	PC010	Ajay	21
2	2	PC010	Ajay	16.5
3	3	PC010	Ajay	22
4	4	PC011	Bhaskar	18.5
5	5	PC011	Bhaskar	17
6	6	PC011	Bhaskar	23.5
7	7	PC012	Krishna Kumari	21.5
8	8	PC012	Krishna Kumari	15.5
9	9	PC012	Krishna Kumari	20.5

Using Console Operation

Creating output


```

        Console.WriteLine("inserted successfully");
    }
    break; Console.WriteLine("case 2");

    Console.WriteLine("enter the record number which one you want to
update"); Console.WriteLine("please enter employee name");

    employee_name = Console.ReadLine(); Console.WriteLine("please
enter employee id");

    emp_id = int.Parse(Console.ReadLine()); SqlCommand cmdupdate =
new SqlCommand("updateSP", con);

    cmdupdate.CommandType = CommandType.StoredProcedure;

    p1 = new SqlParameter("@employee_id", SqlDbType.Int);

    p1.Value = Convert.ToInt32(emp_id);
cmdupdate.Parameters.Add(p1); p1 = new SqlParameter("@employee_name",
SqlDbType.Int);

    p1.Value = employee_name; p1 = new SqlParameter("@emp_id",
SqlDbType.Int);

    p1.Value = emp_id;

    cmdupdate.Parameters.Add(p1);

    i = cmdupdate.ExecuteNonQuery();
    if (i > 0)
    {
        Console.WriteLine("update successfully");
    }
    break;
case 3:
    Console.WriteLine("case 3");

    Console.WriteLine("enter the record number which one you want to
delete"); emp_id = Convert.ToInt32(Console.ReadLine());
    SqlCommand cmddelete = new SqlCommand("deleteSP", con);

    cmddelete.CommandType = CommandType.StoredProcedure;

    p1 = new SqlParameter("@employee_id", SqlDbType.Int);

    p1.Value = Convert.ToInt32(emp_id);

    i = Convert.ToInt32(cmddelete.ExecuteNonQuery());

    if (i > 0)
    {
        Console.WriteLine("update successfully");
    }
    break;
    }
}
}
}

```

OUTPUT

Welcome to our Company

What operation you want to do

1)Insert

2)Update

3)Delete

4)Select

All Which table you want to insert your data.

A)Project Table

B)Employee Table

C)Department Table

D)ProjectHourly Table

B

Employee table Details are:

Emp_ENo is: -100

Emp_EName is: -Mohan

Dept_No: -D03

Inserted successfully.Do you want to continue....?

Yes

Which table you want to insert your data

C

Dept_No is: D01

Dept_Name is: -IT

Inserted successfully.Do you want to continue...?

No

Source Code-<https://github.com/BKarthik1/BKarthik1.git>

