

# Assignment 6

1.

GO

```
create Procedure spNewEmployee
```

```
@Emp_id int,@Emp_FirstName nchar(20),@Emp_lastName nchar(20),
```

```
@Emp_city nchar(20),@DOJ Date,@salary money,@DID int,@BID int
```

```
as
```

```
Begin
```

```
insert into Employees(Emp_Id,Emp_FirstName,Emp_LastName,Emp_City,DOJ,Salary,DID,BID)
```

```
values (@Emp_id,@Emp_FirstName,@Emp_lastName,@Emp_city,@DOJ,@salary,@DID,@BID)
```

```
End
```

```
GO
```

Table Before, Inserting new data.

The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The left pane shows the 'Object Explorer' with the 'Company' database selected. The right pane shows the 'SQLQuery6.sql' script, which defines a stored procedure named 'spNewEmployee'. The script includes parameters for employee ID, first name, last name, city, date of joining, salary, department ID, and branch ID. The procedure body contains an 'insert into' statement for the 'Employees' table. Below the script, the 'Results' pane shows the output of the query, which is a table with 17 rows. The table columns are Emp\_Id, Emp\_FirstName, Emp\_LastName, Emp\_City, DOJ, Salary, DID, and BID. The status bar at the bottom indicates that the query was executed successfully, resulting in 17 rows.

Emp_Id	Emp_FirstName	Emp_LastName	Emp_City	DOJ	Salary	DID	BID
101	Roli	Singh	Kaasa	2015-01-08	25000.00	1	2
102	Abhay	Gupta	Kaasa	2016-01-01	35000.00	2	1
103	Amit	Gupta	Kushnagar	2017-01-08	40000.00	3	3
104	Atul	Gupta	Kushnagar	2017-02-10	55000.00	4	4
105	Neha	Singh	Padrauna	2019-02-10	45000.00	5	1
107	Rohit	Gupta	Deoria	2016-01-10	60000.00	1	3
108	Hemanshu	Singh	Deoria	2017-02-08	25000.00	2	4
109	Pragati	Gupta	Sapsiha	2016-01-11	55000.00	3	1
110	Aradhya	Kutwaha	Kaasa	2019-03-12	70000.00	4	2
111	Anamika	Singh	Kaasa	2019-01-08	25000.00	5	3
113	Anuj	Singh	Kaasa	2015-01-08	25000.00	1	1
114	Surej	Gupta	Kaasa	2019-01-08	50000.00	2	2
115	Balram	Patel	Kaasa	2016-01-09	60000.00	3	3
116	Aman	Gupta	Bihar	2019-08-08	44000.00	5	4
117	Anuj	Gupta	Bihar	2019-08-08	46000.00	5	4
118	Shyam	Gupta	UP	2019-08-08	56000.00	4	4
119	Mohit	Gupta	Tamilnadu	2017-01-20	66000.00	1	3

## Table After, Inserting new data.

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The left pane displays the Object Explorer with the 'Company' database selected. The central query window contains the following SQL script:

```
Begin
insert into Employees(Emp_Id,Emp_FirstName,Emp_LastName,Emp_City,DOJ,Salary,DID,BID)
values (@Emp_id,@Emp_FirstName,@Emp_lastName,@Emp_city,@DOJ,@salary,@DID,@BID)
End
Go

Select * from Employees;
select * from Employees where Emp_Id=119;
Execute spNewEmployee 120, 'Rajan', 'Sah', 'Kasia', '2018-04-15', 76000, 4, 2;
```

The Results window below the query window displays the output of the SELECT statement, showing 18 rows of employee data. The status bar at the bottom indicates 'Query executed successfully' and '18 rows'.

Emp_Id	Emp_FirstName	Emp_LastName	Emp_City	DOJ	Salary	DID	BID
101	Roli	Singh	Kaia	2015-01-08	25000.00	1	2
102	Abhay	Gupta	Kaia	2016-01-01	35000.00	2	1
103	Amit	Gupta	Kushinagar	2017-01-08	40000.00	3	3
104	Atul	Gupta	Kushinagar	2017-02-10	55000.00	4	4
105	Neha	Singh	Padrauna	2019-02-10	45000.00	5	1
107	Rohit	Gupta	Deoria	2016-01-10	60000.00	1	3
108	Hemanshu	Singh	Deoria	2017-02-08	25000.00	2	4
109	Pragati	Gupta	Sapaha	2016-01-11	55000.00	3	1
110	Anadnya	Kurwaha	Kaia	2019-03-12	70000.00	4	2
111	Anamika	Singh	Kaia	2019-01-08	25000.00	5	3
113	Anuj	Singh	Kaia	2019-01-08	25000.00	1	1
114	Sunaj	Gupta	Kaia	2019-01-08	55000.00	2	2
115	Balram	Patel	Kaia	2016-01-09	60000.00	3	3
116	Aman	Gupta	Bihar	2019-06-08	44000.00	5	4
117	Anuj	Gupta	Bihar	2019-08-08	46000.00	5	4
118	Shyam	Gupta	UP	2019-08-08	56000.00	4	4
119	Mahit	Gupta	Tamilnadu	2017-01-20	66000.00	1	3
120	Rajan	Sah	Kasia	2018-04-15	76000.00	4	2

2.

```
GO
Create PROCEDURE spRaiseSalary
@sal_inc int, @sal money
AS
BEGIN
UPDATE dbo.Employees
SET Salary = (Salary + (Salary*@sal_inc)/100)
WHERE Salary < @sal
END
Go
```

```
spRaiseSalary 10,40000.00;
```

## Before Salary Increment

The screenshot shows the Microsoft SQL Server Management Studio interface. The query window contains the following T-SQL code:

```
GO
Alter PROCEDURE spRaiseSalary
@sal_inc int, @sal money
AS
BEGIN
UPDATE dbo.employees
```

The results grid displays the following data:

Emp_Id	Emp_FirstName	Emp_LastName	Emp_City	DOJ	Salary	DID	BID
101	Roli	Singh	Kaia	2015-01-08	27500.00	1	2
102	Abhay	Gupta	Kaia	2016-01-01	38500.00	2	1
103	Amit	Gupta	Kushinagar	2017-01-08	40000.00	3	3
104	Atul	Gupta	Kushinagar	2017-02-10	55000.00	4	4
105	Neha	Singh	Padrauna	2019-02-10	49500.00	5	1
107	Rohit	Gupta	Deoria	2016-01-10	60000.00	1	3
108	Himanshu	Singh	Deoria	2017-02-08	27500.00	2	4
109	Pragati	Gupta	Sapaha	2016-01-11	55000.00	3	1
110	Aradhya	Kumwaha	Kaia	2019-03-12	70000.00	4	2
111	Anamika	Singh	Kaia	2018-01-08	27500.00	5	3
113	Anuj	Singh	Kaia	2015-01-08	27500.00	1	1
114	Suraj	Gupta	Kaia	2019-01-08	55000.00	2	2
115	Balram	Patel	Kaia	2016-01-09	60000.00	3	3
116	Aman	Gupta	Bihar	2019-08-08	48400.00	5	4
117	Anuj	Gupta	Bihar	2019-08-08	46000.00	5	4
118	Shyam	Gupta	UP	2019-08-08	56000.00	4	4
119	Mohit	Gupta	Tamilnadu	2017-01-20	66000.00	1	3
120	Rajan	Sah	Kaia	2018-04-15	76000.00	4	2

## After Salary Increment by 10% where salary<50000

The screenshot shows the Microsoft SQL Server Management Studio interface. The query window contains the following T-SQL code:

```
SET Salary = (Salary + (Salary*@sal_inc)/100)
WHERE Salary < @sal
END
Go

spRaiseSalary 10,50000.00;
select * from Employees;
```

The results grid displays the following data:

Emp_Id	Emp_FirstName	Emp_LastName	Emp_City	DOJ	Salary	DID	BID
101	Roli	Singh	Kaia	2015-01-08	30250.00	1	2
102	Abhay	Gupta	Kaia	2016-01-01	42350.00	2	1
103	Amit	Gupta	Kushinagar	2017-01-08	44000.00	3	3
104	Atul	Gupta	Kushinagar	2017-02-10	55000.00	4	4
105	Neha	Singh	Padrauna	2019-02-10	49500.00	5	1
107	Rohit	Gupta	Deoria	2016-01-10	60000.00	1	3
108	Himanshu	Singh	Deoria	2017-02-08	30250.00	2	4
109	Pragati	Gupta	Sapaha	2016-01-11	55000.00	3	1
110	Aradhya	Kumwaha	Kaia	2019-03-12	70000.00	4	2
111	Anamika	Singh	Kaia	2018-01-08	30250.00	5	3
113	Anuj	Singh	Kaia	2015-01-08	30250.00	1	1
114	Suraj	Gupta	Kaia	2019-01-08	55000.00	2	2
115	Balram	Patel	Kaia	2016-01-09	60000.00	3	3
116	Aman	Gupta	Bihar	2019-08-08	48400.00	5	4
117	Anuj	Gupta	Bihar	2019-08-08	50600.00	5	4
118	Shyam	Gupta	UP	2019-08-08	56000.00	4	4
119	Mohit	Gupta	Tamilnadu	2017-01-20	66000.00	1	3
120	Rajan	Sah	Kaia	2018-04-15	76000.00	4	2