1. **SELECT * FROM Emp_info_view;**

```
SELECT * FROM Emp_info_view;
```

	Employee_ID	Employee_Name	Hiring_Date	Num_Phone_Numbers	Dept_Name
1	104	George Soros	1980-09-05	1	Finance
2	105	Mohnish Pabrai	1995-11-18	1	Finance
3	106	Radhakishan Damani	1988-12-25	1	Finance
4	109	Ramesh Damani	2005-06-15	1	Finance
5	110	Nemish Shah	2002-08-12	1	Finance
6	101	Warren Buffett	1970-05-15	2	Sales
7	102	Peter Lynch	1985-03-20	1	Sales
8	103	Rakesh Jhunjhunwala	1990-07-10	1	Sales
9	107	Rakesh Jhunjhunwala	2000-02-02	1	Sales
10	108	Warren Buffett	1998-04-30	1	Sales

This view will give you the list of all employee with it's id, name, hiring date, num of phone numbers they have and also the department name they work for

2. **SELECT * FROM Product_info_view;**

```
SELECT * FROM Product_info_view;
```

	ProductID	Product_Desc	Num_Price_Change
1	1	Stock Research Report	4
2	2	Investment Software	4

This view will give you the list of all Products with it's ID, Desc, Number of time when its price changed

3. **SELECT Dept_Name, dbo.Dept_project_fn(Dept_Name) AS Emp_Count from DEPARTMENT;**

```
SELECT Dept_Name, dbo.Dept_project_fn(Dept_Name) AS Emp_Count from DEPARTMENT;
```

	Dept_Name	Emp_Count
1	Sales	5
2	Finance	5

This Function will give you the list of all departments along with the total employee count

4. **SELECT Project_Name, dbo.Proj_sal_fn(Project_Name) AS Total_Salary from PROJECT;**

```
SELECT Project_Name, dbo.Proj_sal_fn(Project_Name) AS Total_Salary from PROJECT;
```

	Project_Name	Total_Salary
1	Financial Analysis	7200000
2	Stock Portfolio Management	5400000

It will give you the list of all project with it's employee salary spending in total

5. **exec Budget_sp @Input_Budget=18000, @Project_Name='Stock Portfolio Management';**

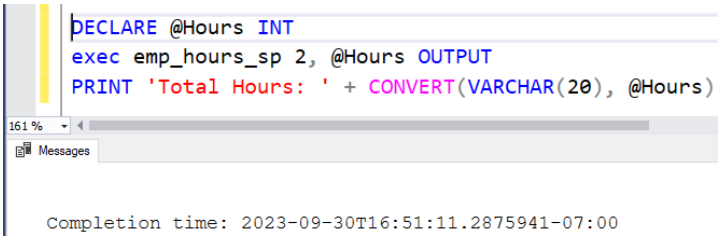
```
exec Budget_sp @Input_Budget=18000, @Project_Name='Stock Portfolio Management';
```

```
over budget

Completion time: 2023-09-30T16:52:48.5834348-07:00
```

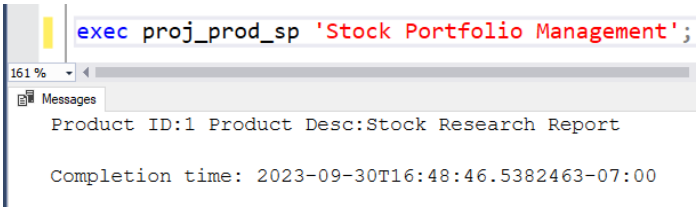
It will show you if the project is within budget or over budget

6. **DECLARE @Hours INT exec emp_hours_sp 2, @Hours OUTPUT PRINT 'Total Hours: ' + CONVERT(VARCHAR(20), @Hours)**



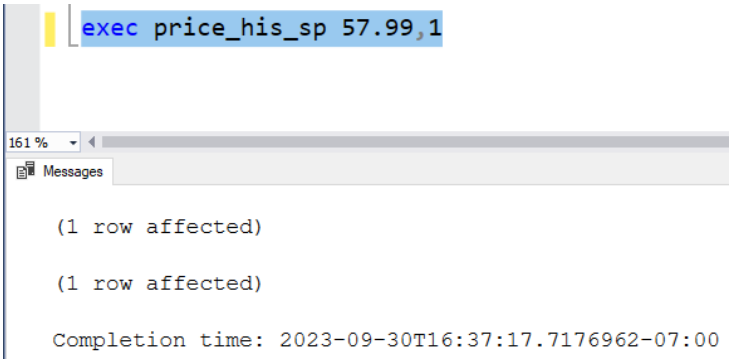
It will give you the total number of hours work done by that employee

7. **exec proj_prod_sp 'Stock Portfolio Management';**



This procedure will list out all the product under this project

8. **exec price_his_sp 57.99,1**



This Procedure is to update the price_history whenever you are updating the new price for a product. The only condition is it should be differ than the old price

9. **UPDATE PRODUCT SET Price = 99.99 WHERE ProductID = 2;**

```
UPDATE PRODUCT SET Price = 99.99 WHERE ProductID = 2;
```


```
(1 row affected)

(1 row affected)

Completion time: 2023-09-30T16:38:47.1750010-07:00
```

Updating the price of a product will trigger an event and it will automatically update the price_history table