```sql
----1
CREATE FUNCTION GetEmployeesInDepartment (@DepartmentName VARCHAR(50))
RETURNS TABLE
AS
RETURN
(
    SELECT
        E.FNAME,
        E.LNAME,
        E.SSN,
        E.BDATE,
        E.ADDRESS,
        E.SALARY
    FROM
        EMPLOYEE AS E
    JOIN
        DEPARTMENT AS D ON E.DNO = D.DNUMBER
    WHERE
        D.DNAME = @DepartmentName
);
GO


----2
CREATE VIEW EmployeeDepartmentView AS
SELECT
    E.FNAME,
    E.LNAME,
    D.DNAME AS DepartmentName
FROM
    EMPLOYEE AS E
JOIN
    DEPARTMENT AS D ON E.DNO = D.DNUMBER;
GO


-----3
CREATE VIEW StaffordProjectsView AS
SELECT
    PNUMBER,
    PNAME,
    DNUM AS ControllingDepartmentNumber
FROM
    PROJECT
WHERE
    PLOCATION = 'Stafford';
GO
```

```sql
------4
CREATE PROCEDURE GetEmployeeDetails
    @FirstName VARCHAR(15),
    @LastName VARCHAR(15)
AS
BEGIN
    SELECT *
    FROM EMPLOYEE
    WHERE FNAME = @FirstName AND LNAME = @LastName;
END;
GO


-----5
CREATE PROCEDURE UpdateProductXSalaries
    @RaisePercentage DECIMAL(5, 2)
AS
BEGIN
    UPDATE E
    SET E.SALARY = E.SALARY * (1 + @RaisePercentage / 100.0)
    FROM
        EMPLOYEE AS E
    JOIN
        WORKS_ON AS WO ON E.SSN = WO.ESSN
    JOIN
        PROJECT AS P ON WO.PNO = P.PNUMBER
    WHERE
        P.PNAME = 'ProductX';
END;
GO


------6
CREATE PROCEDURE CountEmployeesByDepartment
AS
BEGIN
    SELECT
        D.DNAME,
        COUNT(E.SSN) AS NumberOfEmployees
    FROM
        DEPARTMENT AS D
    LEFT JOIN
        EMPLOYEE AS E ON D.DNUMBER = E.DNO
    GROUP BY
        D.DNAME;
END;
GO
```