

Stored Procedure with Parameters

```
CREATE TABLE Employeee (  
    EmployeeId INT PRIMARY KEY,  
    EmployeeName VARCHAR(50),  
    Department VARCHAR(30),  
    salary INT  
);
```

```
CREATE PROC spEmployeeCrud  
    @Action VARCHAR(30) =NULL,  
    @EmployeeId INT =NULL ,  
    @EmployeeName varchar(30)= NULL,  
    @Department VARCHAR(30)= NULL,  
    @salary INT =NULL
```

```
AS
```

```
SET NOCOUNT ON;
```

```
BEGIN
```

```
IF @Action='INSERT'
```

```
BEGIN
```

```
INSERT INTO
Employeee(EmployeeId,EmployeeName,Department,salary )
VALUES( @EmployeeId
,@EmployeeName,@Department,@salary );
END
```

```
ELSE IF @Action='SELECT'
```

```
BEGIN
```

```
IF @EmployeeId IS NULL
```

```
SELECT * FROM Employeee;
```

```
ELSE
```

```
SELECT * FROM Employeee WHERE
EmployeeId=@EmployeeId;
```

```
END
```

```
ELSE IF @Action='UPDATE'
```

```
BEGIN
```

UPDATE Employeee

SET EmployeeName = @EmployeeName,

Department = @Department,

Salary = @Salary

WHERE EmployeeId = @EmployeeId;

END

ELSE IF @Action='DELETE'

BEGIN

DELETE FROM Employeee WHERE EmployeeId=@EmployeeId;

END

ELSE

BEGIN

PRINT 'INVALID EXECUTION';

END

END;

EXEC spEmployeeCrud 'INSERT',1,'Jhon','HR',80000;

EXEC spEmployeeCrud 'INSERT',2,'Smith','Sales',30000;

EXEC spEmployeeCrud 'INSERT',3,'Shilpa','Manager',70000;

EXEC spEmployeeCrud 'INSERT',4,'Alex','IT',60000;

EXEC spEmployeeCrud 'SELECT';

EXEC spEmployeeCrud 'SELECT',1;

EXEC spEmployeeCrud 'UPDATE' ,2,'Smith','Marketing',40000;

EXEC spEmployeeCrud 'SELECT',2;

EXEC spEmployeeCrud 'DELETE',4;