===========SP===============

USE [SJDB]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[SP\_CalculateTax] Script Date: 16-09-2024 11:37:36 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROCEDURE [dbo].[SP\_CalculateTax]

AS

BEGIN

-- Temporary table to store the results

DECLARE @Results TABLE (

EmpCode INT,

Name NVARCHAR(100),

Designation NVARCHAR(100),

Salary DECIMAL(18, 2),

Tax DECIMAL(18, 2)

);

-- Variables for tax calculation

DECLARE @EmpCode INT, @Name NVARCHAR(100), @Designation NVARCHAR(100),

@Salary DECIMAL(18, 2), @AnnualSalary DECIMAL(18, 2), @Tax DECIMAL(18, 2), @RemainingSalary DECIMAL(18, 2);

-- Cursor to iterate through each employee

DECLARE employee\_cursor CURSOR FOR

SELECT EmpCode, Name, Designation, Salary FROM Employees;

OPEN employee\_cursor;

FETCH NEXT FROM employee\_cursor INTO @EmpCode, @Name, @Designation, @Salary;

WHILE @@FETCH\_STATUS = 0

BEGIN

SET @AnnualSalary = @Salary \* 12; -- Convert monthly salary to annual salary

SET @Tax = 0;

SET @RemainingSalary = @AnnualSalary;

-- Calculate tax based on annual salary slabs

IF @RemainingSalary > 1500000

BEGIN

SET @Tax = @Tax + (@RemainingSalary - 1500000) \* 0.30;

SET @RemainingSalary = 1500000;

END

IF @RemainingSalary > 1200000

BEGIN

SET @Tax = @Tax + (@RemainingSalary - 1200000) \* 0.20;

SET @RemainingSalary = 1200000;

END

IF @RemainingSalary > 1000000

BEGIN

SET @Tax = @Tax + (@RemainingSalary - 1000000) \* 0.15;

SET @RemainingSalary = 1000000;

END

IF @RemainingSalary > 700000

BEGIN

SET @Tax = @Tax + (@RemainingSalary - 700000) \* 0.10;

SET @RemainingSalary = 700000;

END

IF @RemainingSalary > 300000

BEGIN

SET @Tax = @Tax + (@RemainingSalary - 300000) \* 0.05;

END

-- Insert result into temp table

INSERT INTO @Results (EmpCode, Name, Designation, Salary, Tax)

VALUES (@EmpCode, @Name, @Designation, @Salary, @Tax / 12); -- Divide tax by 12 to get monthly tax

-- Fetch the next employee

FETCH NEXT FROM employee\_cursor INTO @EmpCode, @Name, @Designation, @Salary;

END

CLOSE employee\_cursor;

DEALLOCATE employee\_cursor;

-- Return the final results

SELECT \* FROM @Results;

END;

============================ Tables =============

USE [SJDB]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Employees] Script Date: 16-09-2024 11:39:27 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Employees](

[EmpCode] [int] IDENTITY(1,1) NOT NULL,

[Name] [nvarchar](100) NULL,

[Designation] [nvarchar](100) NULL,

[Salary] [decimal](18, 2) NULL,

PRIMARY KEY CLUSTERED

(

[EmpCode] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

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USE [SJDB]

GO

/\*\*\*\*\*\* Object: Table [dbo].[TBL\_CKR\_Employees] Script Date: 16-09-2024 11:39:56 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[TBL\_CKR\_Employees](

[EmployeeId] [int] IDENTITY(1,1) NOT NULL,

[EmpCode] [int] NOT NULL,

[Name] [nvarchar](100) NOT NULL,

[PhoneNo] [nvarchar](10) NOT NULL,

[Dept] [nvarchar](100) NULL,

[Status] [nvarchar](50) NULL,

[RejectReason] [nvarchar](255) NULL

) ON [PRIMARY]

GO

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USE [SJDB]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Logins] Script Date: 16-09-2024 11:40:19 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Logins](

[UserId] [int] IDENTITY(1,1) NOT NULL,

[UserName] [nvarchar](100) NOT NULL,

[Password] [nvarchar](100) NOT NULL,

[Role] [nvarchar](50) NOT NULL,

PRIMARY KEY CLUSTERED

(

[UserId] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO