# Exercise 7: Return Annual Salary for a Specific Employee

## Objective:

Use the scalar function `fn\_CalculateAnnualSalary` to return the annual salary of the employee with EmployeeID = 1.

## Prerequisites:

- Ensure the EmployeeDB database and Employees table exist.  
- Ensure the `fn\_CalculateAnnualSalary` function has already been created.

## Step-by-Step Instructions:

1. Open SQL Server Management Studio (SSMS).

2. Connect to the appropriate SQL Server instance.

3. Select the database using the following command:

USE EmployeeDB;  
GO

4. If not already created, create the scalar function using the following SQL code:

CREATE FUNCTION fn\_CalculateAnnualSalary(@Salary DECIMAL(10,2))  
RETURNS DECIMAL(10,2)  
AS  
BEGIN  
 RETURN @Salary \* 12;  
END;  
GO

5. Execute the function for EmployeeID = 1 using the following query:

SELECT   
 FirstName,   
 LastName,   
 Salary AS MonthlySalary,  
 dbo.fn\_CalculateAnnualSalary(Salary) AS AnnualSalary  
FROM Employees  
WHERE EmployeeID = 1;

## Sample Output:

| FirstName | LastName | MonthlySalary | AnnualSalary |  
|-----------|----------|----------------|----------------|  
| John | Doe | 5000.00 | 60000.00 |

## README Content for GitHub:

### Exercise 7: Return Annual Salary for a Specific Employee  
  
This exercise uses the scalar function `fn\_CalculateAnnualSalary` to return the annual salary of the employee with EmployeeID = 1.  
  
#### Function Definition:  
```sql  
CREATE FUNCTION fn\_CalculateAnnualSalary(@Salary DECIMAL(10,2))  
RETURNS DECIMAL(10,2)  
AS  
BEGIN  
 RETURN @Salary \* 12;  
END;  
```  
  
#### Query to Use the Function:  
```sql  
SELECT   
 FirstName,   
 LastName,   
 Salary AS MonthlySalary,  
 dbo.fn\_CalculateAnnualSalary(Salary) AS AnnualSalary  
FROM Employees  
WHERE EmployeeID = 1;  
```  
  
#### Expected Output:  
Displays the employee name, monthly salary, and computed annual salary.

