1. Create a function to display total number of employees working in a particular branch. Branch name will be given at runtime. Execute this function to generate a report

CREATE FUNCTION [dbo].[countOfEmployeesInbranch]

(

-- Add the parameters for the function here

@branch\_name nvarchar(20)

)

RETURNS smallint

AS

BEGIN

-- Declare the return variable here

DECLARE @total\_employees smallint

-- Add the T-SQL statements to compute the return value here

SELECT @total\_employees=count(\*)

from Employees e

inner join

branches b

on e.Bid = b.bid

where b.branch\_name=@branch\_name

-- Return the result of the function

RETURN @total\_employees

END

GO

select dbo.countOfEmployeesInbranch('Mumbai')

(No column name)

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2. Create a function to display all employees who are in an organization for more than 1 year in a particular branch. Branch name will be given at runtime.

CREATE FUNCTION getEmployeesMoreThanYear

(

@branch\_name nvarchar(20)

)

RETURNS TABLE

AS

RETURN

(

-- Add the SELECT statement with parameter references here

SELECT \*,year(getdate())-year(DOJ) as [years]

from Employees

where year(getdate())-year(DOJ)>1 and Bid=(

select bid

from branches

where

branch\_name=@branch\_name

)

)

GO

select \* from dbo.getEmployeesMoreThanYear('Mumbai')

EmpId Emp\_FirstName Emp\_LastName Emp\_city

101 Mayank Agarwal Bengaluru

103 Rohit Sharma Mumbai

108 Jaspristh Bumrah Mumbai

111 Ishan Kishan Bengaluru

DOJ Salary DID Bid years

2016-12-25 00:00:00.000 30000.00 1 1 7

2015-04-06 00:00:00.000 400000.00 3 1 8

2020-02-28 00:00:00.000 35000.00 3 1 3

2021-03-10 00:00:00.000 20000.00 2 1 2