

Guilherme da Silva Scher 😎

```
CREATE FUNCTION fn_ProjetosPorFuncionario (@cpf CHAR(11))
RETURNS TABLE
AS
RETURN
(
    SELECT P.Projnome
    FROM TRABALHA_EM AS T
        INNER JOIN PROJETO AS P
            ON T.Pnr = P.Projnumero
    WHERE T.Fcpf = @cpf
);
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```
CREATE FUNCTION fn_ListarDependentes (@cpf CHAR(11))
RETURNS TABLE
AS
RETURN
(
    SELECT Nome_dependente, Parentesco
    FROM DEPENDENTE
    WHERE Fcpf = @cpf
);
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CREATE FUNCTION fn_NomeSupervisor (@cpf CHAR(11))
RETURNS VARCHAR(100)
AS
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BEGIN  
    DECLARE @NomeSupervisor VARCHAR(100);  
  
    SELECT @NomeSupervisor = CONCAT(Pnome, ' ', Unome)  
    FROM FUNCIONARIO  
    WHERE Cpf = (SELECT Cpf_supervisor FROM FUNCIONARIO WHERE Cpf =  
@cpf);  
  
    RETURN @NomeSupervisor;  
END;
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```
CREATE FUNCTION fn_GanhaMaisQueSupervisor (@cpf CHAR(11))  
RETURNS BIT  
AS  
BEGIN  
    DECLARE @resultado BIT;  
  
    IF EXISTS (  
        SELECT 1  
        FROM FUNCIONARIO AS F  
        JOIN FUNCIONARIO AS S  
        ON F.Cpf_supervisor = S.Cpf  
        WHERE F.Cpf = @cpf AND F.Salario > S.Salario  
    )  
        SET @resultado = 1;  
    ELSE  
        SET @resultado = 0;  
  
    RETURN @resultado;
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END;
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CREATE FUNCTION fn_AnoAposentadoria (@DataNasc DATE)
RETURNS INT
AS
BEGIN
    RETURN YEAR(DATEADD(YEAR, 65, @DataNasc));
END;
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CREATE FUNCTION fn_TemMaisQueNDependentes (@N INT, @cpf CHAR(11))
RETURNS BIT
AS
BEGIN
    DECLARE @resultado BIT;

    IF (
        SELECT COUNT(*) FROM DEPENDENTE WHERE Fcpf = @cpf
    ) > @N
        SET @resultado = 1;
    ELSE
        SET @resultado = 0;

    RETURN @resultado;
END;
```