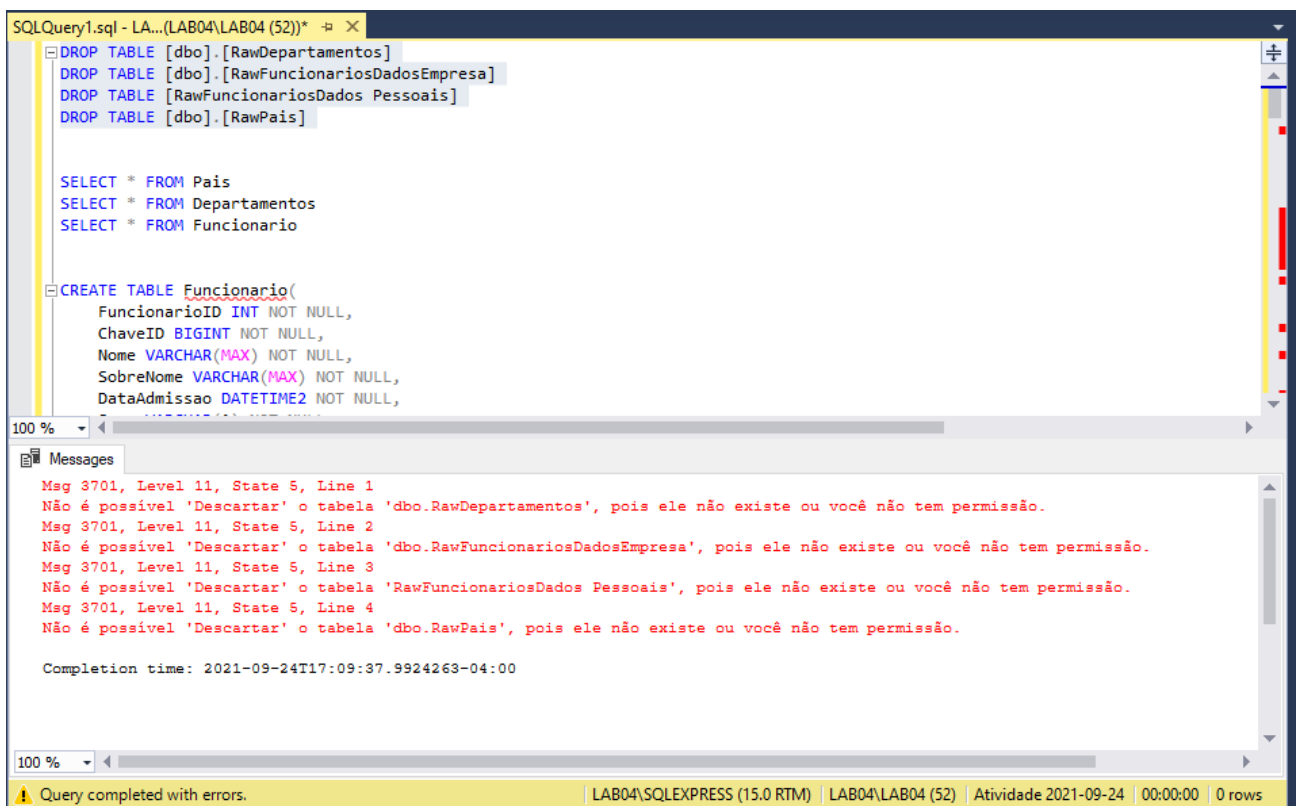


Relatório da atividade na empresa PSG referente a data 2021-09-24.

DROP NAS TABELAS PARA CONFIRMAR QUE MEU INNER JOIN DEU CERTO.

```
DROP TABLE [dbo].[RawDepartamentos]
DROP TABLE [dbo].[RawFuncionariosDadosEmpresa]
DROP TABLE [RawFuncionariosDados Pessoais]
DROP TABLE [dbo].[RawPais]
```



SELECT * FROM Pais

The screenshot shows a SQL Server Enterprise Manager window with a query window titled 'SQLQuery1.sql - LA... (LAB04\LAB04 (52))'. The query window contains the following SQL script:

```
DROP TABLE [dbo].[RawDepartamentos]
DROP TABLE [dbo].[RawFuncionariosDadosEmpresa]
DROP TABLE [RawFuncionariosDados Pessoais]
DROP TABLE [dbo].[RawPais]

SELECT * FROM Pais
SELECT * FROM Departamentos
SELECT * FROM Funcionario

CREATE TABLE Funcionario(
    FuncionarioID INT NOT NULL,
    ChaveID BIGINT NOT NULL,
    Nome VARCHAR(MAX) NOT NULL,
    SobreNome VARCHAR(MAX) NOT NULL,
    DataAdmissao DATETIME2 NOT NULL,
```

The results grid shows the following data:

	PaisID	Nome	Sigla	DataInsert
1	1	Canada	CA	2021-09-24 16:25:29.447
2	2	United States	US	2021-09-24 16:25:29.447
3	3	United Kingdom	GB	2021-09-24 16:25:29.447
4	4	Andorra	AD	2021-09-24 16:25:29.447
5	5	Anguilla	AI	2021-09-24 16:25:29.447
6	6	Argentina	AR	2021-09-24 16:25:29.447
7	7	Aruba	AW	2021-09-24 16:25:29.447
8	8	Australia	AU	2021-09-24 16:25:29.447
9	9	Austria	AT	2021-09-24 16:25:29.447
10	10	Bahamas	BS	2021-09-24 16:25:29.447
11	11	Bahamas	BS	2021-09-24 16:25:29.447

The status bar at the bottom indicates: 'Query executed successfully. LAB04\SQL EXPRESS (15.0 RTM) LAB04\LAB04 (52) Atividade 2021-09-24 00:00:00 103 rows'.

SELECT * FROM Departamentos

The screenshot shows a SQL query window with the following commands:

```
DROP TABLE [dbo].[RawDepartamentos]
DROP TABLE [dbo].[RawFuncionariosDadosEmpresa]
DROP TABLE [RawFuncionariosDados Pessoais]
DROP TABLE [dbo].[RawPais]

SELECT * FROM Pais
SELECT * FROM Departamentos
SELECT * FROM Funcionario

CREATE TABLE Funcionario(
    FuncionarioID INT NOT NULL,
    ChaveID BIGINT NOT NULL,
    Nome VARCHAR(MAX) NOT NULL,
    SobreNome VARCHAR(MAX) NOT NULL,
    DataAdmissao DATETIME2 NOT NULL,
```

The results grid displays the following data:

	DepartamentoID	Nome	DataInsert
1	1	Customer Service	2021-09-24 16:36:08.533
2	2	Development	2021-09-24 16:36:08.533
3	3	Finance	2021-09-24 16:36:08.533
4	4	Human Resources	2021-09-24 16:36:08.533
5	5	Marketing	2021-09-24 16:36:08.533
6	6	Production	2021-09-24 16:36:08.533
7	7	Quality Management	2021-09-24 16:36:08.533
8	8	Research	2021-09-24 16:36:08.533
9	9	Sales	2021-09-24 16:36:08.533

Query executed successfully. LAB04\SQLEXPRESS (15.0 RTM) LAB04\LAB04 (52) Atividade 2021-09-24 00:00:00 9 rows

SELECT * FROM Funcionario

The screenshot shows a SQL query window with the following commands:

```
DROP TABLE [dbo].[RawDepartamentos]
DROP TABLE [dbo].[RawFuncionariosDadosEmpresa]
DROP TABLE [RawFuncionariosDados Pessoais]
DROP TABLE [dbo].[RawPais]

SELECT * FROM Pais
SELECT * FROM Departamentos
SELECT * FROM Funcionario

CREATE TABLE Funcionario(
    FuncionarioID INT NOT NULL,
    ChaveID BIGINT NOT NULL,
    Nome VARCHAR(MAX) NOT NULL,
    SobreNome VARCHAR(MAX) NOT NULL,
    DataAdmissao DATETIME2 NOT NULL,
```

The results grid displays the following data:

	FuncionarioID	ChaveID	Nome	SobreNome	DataAdmissao	Sexo	DataNascimento	Email	CTPS
1	10001	20100150001	Georgi	Facello	1986-06-26 00:00:00.0000000	M	1953-09-02 00:00:00.0000000	facello.georgi@acme.com	49001
2	10002	20100150002	Bezael	Simmel	1985-11-21 00:00:00.0000000	F	1964-06-02 00:00:00.0000000	simmel.bezael@acme.com	38050
3	10003	20100150003	Parto	Bamford	1986-08-28 00:00:00.0000000	M	1959-12-03 00:00:00.0000000	bamford.parto@acme.com	45152
4	10004	20100150004	Christian	Koblick	1986-12-01 00:00:00.0000000	M	1954-05-01 00:00:00.0000000	koblick.christian@acme.com	93993
5	10005	20100150005	Kyoichi	Maliniak	1989-09-12 00:00:00.0000000	M	1955-01-21 00:00:00.0000000	maliniak.kyoichi@acme.com	64885
6	10006	20100150006	Anneke	Preusig	1989-06-02 00:00:00.0000000	F	1953-04-20 00:00:00.0000000	preusig.anneke@acme.com	32097
7	10007	20100150007	Tzvetan	Zielinski	1989-02-10 00:00:00.0000000	F	1957-05-23 00:00:00.0000000	zielinski.tzvetan@acme.com	45521
8	10008	20100150008	Saniya	Kalloufi	1994-09-15 00:00:00.0000000	M	1958-02-19 00:00:00.0000000	kalloufi.saniya@acme.com	61346
9	10009	20100150009	Sumant	Peac	1985-02-18 00:00:00.0000000	F	1952-04-19 00:00:00.0000000	peac.sumant@acme.com	97392
10	10010	20100150010	Dunstan	Piveteau	1989-08-24 00:00:00.0000000	F	1963-06-01 00:00:00.0000000	piveteau.dunstan@acme.com	67883

Query executed successfully. LAB04\SQLEXPRESS (15.0 RTM) LAB04\LAB04 (52) Atividade 2021-09-24 00:00:02 120.670 rows

Criação e Inserção nas TABELAS;

```
CREATE TABLE Funcionario(  
    FuncionarioID INT NOT NULL,  
    ChaveID BIGINT NOT NULL,  
    Nome VARCHAR(MAX) NOT NULL,  
    SobreNome VARCHAR(MAX) NOT NULL,  
    DataAdmissao DATETIME2 NOT NULL,  
    Sexo VARCHAR(1) NOT NULL,  
    DataNascimento DATETIME2 NOT NULL,  
    Email VARCHAR(MAX) NOT NULL,  
    CTPS VARCHAR (MAX) NOT NULL,  
    CTPSNum BIGINT NOT NULL,  
    CTPSSERIE INT NOT NULL,  
    PaisID VARCHAR(50) NOT NULL,  
    DataInsert DATETIME NULL DEFAULT GETDATE(),  
    CONSTRAINT PK_Funcionario PRIMARY KEY (FuncionarioID)  
)  
  
SELECT * FROM Funcionario  
  
INSERT INTO Funcionario (FuncionarioID, ChaveID, Nome, SobreNome, DataAdmissao,  
Sexo, DataNascimento, Email, CTPS, CTPSNum, CTPSSerie, PaisID)  
SELECT  
    Pessoas.FuncionarioID,  
    Empresa.ChaveID,  
    Empresa.Nome,  
    Empresa.SobreNome,  
    Empresa.DataAdmissao,  
    Pessoas.Sexo,  
    Pessoas.DataNascimento,  
    Pessoas.Email,  
    Empresa.CTPS,  
    Empresa.CTPSNum,  
    Empresa.CTPSSerie,  
    Pessoas.PaisID  
FROM RawFuncionariosDadosEmpresa AS Empresa  
INNER JOIN [RawFuncionariosDados Pessoas] AS Pessoas ON Empresa.ChaveID =  
Pessoas.ChaveID  
ORDER BY Pessoas.FuncionarioID  
  
CREATE TABLE Pais(  
    PaisID INT NOT NULL IDENTITY(1,1),  
    Nome VARCHAR(50) NOT NULL,  
    Sigla VARCHAR(50) NOT NULL,  
    DataInsert DATETIME NULL DEFAULT GETDATE(),  
    CONSTRAINT PK_Pais PRIMARY KEY (PaisID)  
)  
  
SET IDENTITY_INSERT Pais ON  
  
INSERT INTO Pais(PaisID, Nome, Sigla)  
SELECT PaisID, Nome, Abreviacao FROM RawPais
```

```
SET IDENTITY_INSERT Pais OFF
```

```
-- Criando a tabela Departamentos e inserindo valor nela com a tabela temporaria  
RawDepartamentos.
```

```
CREATE TABLE Departamentos(  
    DepartamentoID INT NOT NULL IDENTITY(1,1),  
    Nome VARCHAR(MAX) NOT NULL,  
    DataInsert DATETIME NULL DEFAULT GETDATE()  
    CONSTRAINT PK_Departamento PRIMARY KEY (DepartamentoID)  
)
```

```
SET IDENTITY_INSERT Departamentos ON  
INSERT INTO Departamentos(DepartamentoID, Nome)  
SELECT DepartamentoID, Nome FROM RawDepartamentos  
SET IDENTITY_INSERT Departamentos OFF
```

CRIANDO AS VIEWS;

```
/*  
CREATE VIEW VW_DadosPessoais  
AS  
SELECT  
    FuncionarioID,  
    ChaveID,  
    Nome AS NomeFuncionario,  
    SobreNome,  
    DataAdmissao,  
    Sexo,  
    DataNascimento,  
    Email  
    FROM Funcionario
```

```
SELECT * FROM VW_DadosPessoais
```

```
*/
```

```
/*
```

```
CREATE VIEW VW_DadosEmpresa  
AS  
SELECT  
    FuncionarioID,
```

```

ChaveID,
Nome AS NomeFuncionario,
SobreNome,
DataAdmissao,
Sexo,
DataNascimento,
Email,
CTPS,
CTPSNum,
CTPSSERIE
FROM Funcionario

*/

```

Usando o SELECT na VIEW:

```
SELECT * FROM VW_DadosPessoais
```

SQLQuery1.sql - LA... (LAB04\LAB04 (52))

```

CTPS,
CTPSNum,
CTPSSERIE
FROM Funcionario

*/
SELECT * FROM VW_DadosPessoais

SELECT * FROM VW_DadosEmpresa

CREATE PROCEDURE PR_BuscaFuncionarioID
@FuncionarioID INT
AS
SELECT * FROM Funcionario
WHERE FuncionarioID = @FuncionarioID

```

100 %

Results Messages

	FuncionarioID	ChaveID	NomeFuncionario	SobreNome	DataAdmissao	Sexo	DataNascimento	Email
1	10001	20100150001	Georgi	Facello	1986-06-26 00:00:00.0000000	M	1953-09-02 00:00:00.0000000	facello.georgi@acme.com
2	10002	20100150002	Bezael	Simmel	1985-11-21 00:00:00.0000000	F	1964-06-02 00:00:00.0000000	simmel.bezael@acme.com
3	10003	20100150003	Parto	Bamford	1986-08-28 00:00:00.0000000	M	1959-12-03 00:00:00.0000000	bamford.parto@acme.com
4	10004	20100150004	Chirstian	Koblick	1986-12-01 00:00:00.0000000	M	1954-05-01 00:00:00.0000000	koblick.chirstian@acme.com
5	10005	20100150005	Kyoichi	Maliniak	1989-09-12 00:00:00.0000000	M	1955-01-21 00:00:00.0000000	maliniak.kyoichi@acme.com
6	10006	20100150006	Anneke	Preusig	1989-06-02 00:00:00.0000000	F	1953-04-20 00:00:00.0000000	preusig.anneke@acme.com
7	10007	20100150007	Tzvetan	Zielinski	1989-02-10 00:00:00.0000000	F	1957-05-23 00:00:00.0000000	zielinski.tzvetan@acme.com
8	10008	20100150008	Saniya	Kalloufi	1994-09-15 00:00:00.0000000	M	1958-02-19 00:00:00.0000000	kalloufi.saniya@acme.com
9	10009	20100150009	Sumant	Peac	1985-02-18 00:00:00.0000000	F	1952-04-19 00:00:00.0000000	peac.sumant@acme.com
10	10010	20100150010	Duangkaew	Piveteau	1989-08-24 00:00:00.0000000	F	1963-06-01 00:00:00.0000000	piveteau.duangkaew@acme.com
11	10011	20100150011	M...	Ch...	1980-01-22 00:00:00.0000000	F	1962-11-07 00:00:00.0000000	ch...

Query executed successfully. LAB04\SQLEXPRESS (15.0 RTM) LAB04\LAB04 (52) Atividade 2021-09-24 00:00:01 120.670 rows

```
SELECT * FROM VW_DadosEmpresa
```

The screenshot shows a SQL Server Enterprise Manager window with a query window titled 'SQLQuery1.sql - LA... (LAB04\LAB04 (52))'. The query window contains the following SQL code:

```
CTPS,
CTPSNum,
CTPSSERIE
FROM Funcionario

*/
SELECT * FROM VW_DadosPessoais

SELECT * FROM VW_DadosEmpresa

CREATE PROCEDURE PR_BuscaFuncionarioID
@FuncionarioID INT
AS
SELECT * FROM Funcionario
WHERE FuncionarioID = @FuncionarioID
```

Below the query window, the 'Results' tab is active, displaying a table with 10 rows and 10 columns. The columns are: FuncionarioID, ChaveID, NomeFuncionario, SobreNome, DataAdmissao, Sexo, DataNascimento, Email, and C. The data is as follows:

FuncionarioID	ChaveID	NomeFuncionario	SobreNome	DataAdmissao	Sexo	DataNascimento	Email	C
10001	20100150001	Georgi	Facello	1986-06-26 00:00:00.0000000	M	1953-09-02 00:00:00.0000000	facello.georgi@acme.com	4
10002	20100150002	Bezael	Simmel	1985-11-21 00:00:00.0000000	F	1964-06-02 00:00:00.0000000	simmel.bezael@acme.com	3
10003	20100150003	Parto	Bamford	1986-08-28 00:00:00.0000000	M	1959-12-03 00:00:00.0000000	bamford.parto@acme.com	4
10004	20100150004	Chirstian	Koblick	1986-12-01 00:00:00.0000000	M	1954-05-01 00:00:00.0000000	koblick.chirstian@acme.com	9
10005	20100150005	Kyoichi	Maliniak	1989-09-12 00:00:00.0000000	M	1955-01-21 00:00:00.0000000	maliniak.kyoichi@acme.com	6
10006	20100150006	Anneke	Preusig	1989-06-02 00:00:00.0000000	F	1953-04-20 00:00:00.0000000	preusig.anneke@acme.com	3
10007	20100150007	Tzvetan	Zielinski	1989-02-10 00:00:00.0000000	F	1957-05-23 00:00:00.0000000	zielinski.tzvetan@acme.com	4
10008	20100150008	Saniya	Kalloufi	1994-09-15 00:00:00.0000000	M	1958-02-19 00:00:00.0000000	kalloufi.saniya@acme.com	6
10009	20100150009	Sumant	Peac	1985-02-18 00:00:00.0000000	F	1952-04-19 00:00:00.0000000	peac.sumant@acme.com	9
10010	20100150010	DuanKaeW	Piveteau	1989-08-24 00:00:00.0000000	F	1963-06-01 00:00:00.0000000	piveteau.duanKaeW@acme.com	6

At the bottom of the window, a status bar indicates: 'Query executed successfully. LAB04\SQLEXPRESS (15.0 RTM) LAB04\LAB04 (52) Atividade 2021-09-24 00:00:01 120.670 rows'.

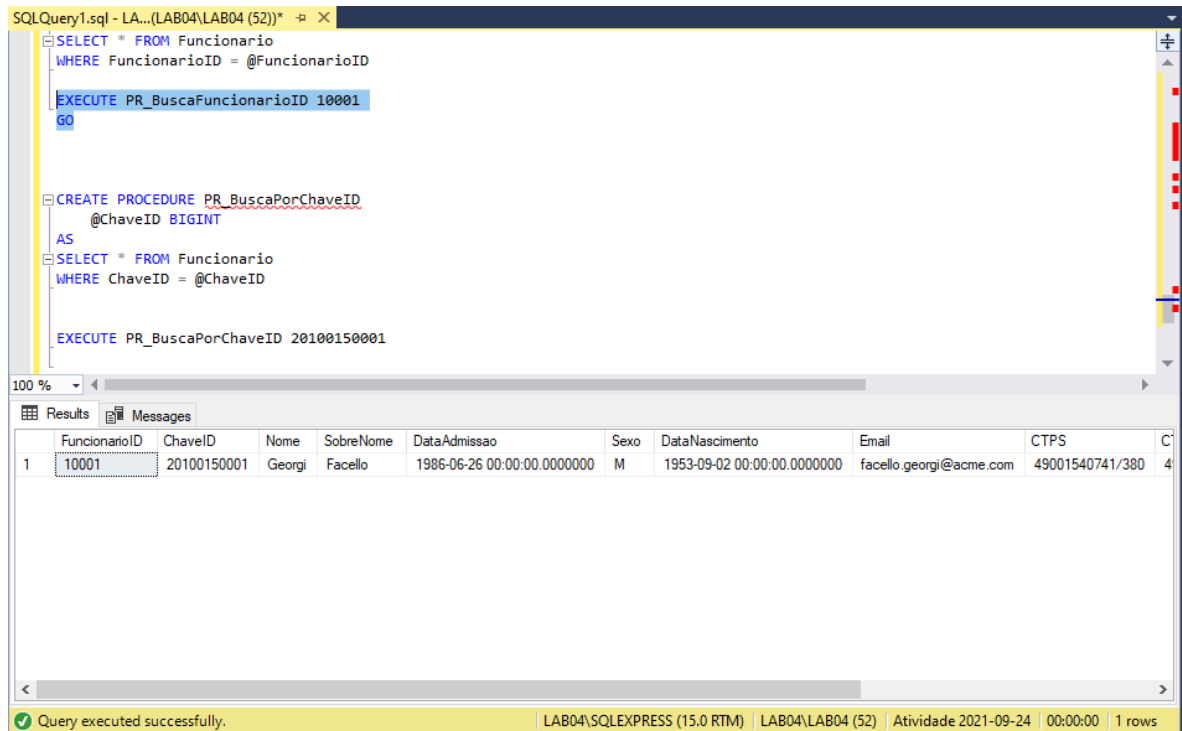
CRIANDO AS PROCEDURE

```
CREATE PROCEDURE PR_BuscaFuncionarioID
@FuncionarioID INT
AS
SELECT * FROM Funcionario
WHERE FuncionarioID = @FuncionarioID
```

```
CREATE PROCEDURE PR_BuscaPorChaveID
@ChaveID BIGINT
AS
SELECT * FROM Funcionario
WHERE ChaveID = @ChaveID
```

EXECUTANDO AS PROCEDURE

```
EXECUTE PR_BuscaFuncionarioID 10001  
GO
```



SQLQuery1.sql - LA...(LAB04\LAB04 (52))*

```
SELECT * FROM Funcionario  
WHERE FuncionarioID = @FuncionarioID  
  
EXECUTE PR_BuscaFuncionarioID 10001  
GO  
  
CREATE PROCEDURE PR_BuscaPorChaveID  
    @ChaveID BIGINT  
AS  
SELECT * FROM Funcionario  
WHERE ChaveID = @ChaveID  
  
EXECUTE PR_BuscaPorChaveID 20100150001
```

100 %

Results Messages

	FuncionarioID	ChaveID	Nome	SobreNome	DataAdmissao	Sexo	DataNascimento	Email	CTPS	C
1	10001	20100150001	Georgi	Facello	1986-06-26 00:00:00.0000000	M	1953-09-02 00:00:00.0000000	facello.georgi@acme.com	49001540741/380	4

Query executed successfully. LAB04\SQLEXPRESS (15.0 RTM) LAB04\LAB04 (52) Atividade 2021-09-24 00:00:00 1 rows

EXECUTE PR_BuscaPorChaveID 20100150001

SQLQuery1.sql - LA...(LAB04\LAB04 (52))*

```
@ChaveID BIGINT  
AS  
SELECT * FROM Funcionario  
WHERE ChaveID = @ChaveID  
  
EXECUTE PR_BuscaPorChaveID 20100150001
```

100 %

Results Messages

	FuncionarioID	ChaveID	Nome	SobreNome	DataAdmissao	Sexo	DataNascimento	Email	CTPS	C
1	10001	20100150001	Georgi	Facello	1986-06-26 00:00:00.0000000	M	1953-09-02 00:00:00.0000000	facello.georgi@acme.com	49001540741/380	4

Query executed successfully. LAB04\SQLEXPRESS (15.0 RTM) LAB04\LAB04 (52) Atividade 2021-09-24 00:00:00 1 rows