

- Curso: Técnico em informática
- Disciplina: Banco de Dados
- Professor: Marcelo Silva
- Aluno: Divan Melo e Lucas Lopes

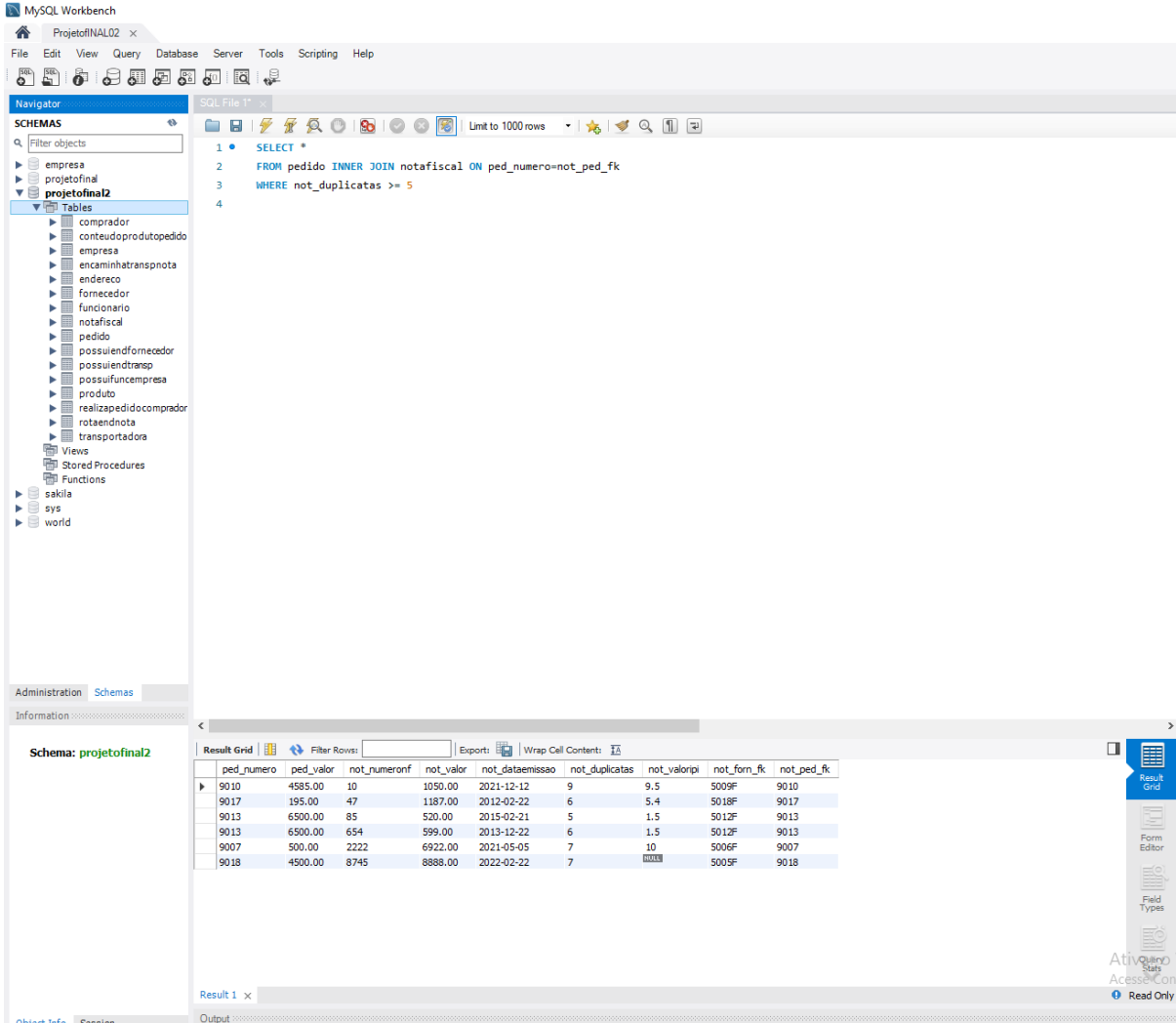
## Consultas - Projeto Banco de Dados (Loja)

### 1- INNER JOIN + WHERE

SELECT \*

FROM pedido INNER JOIN notafiscal ON ped\_numero=not\_ped\_fk

WHERE not\_duplicatas >= 5



The screenshot shows the MySQL Workbench interface. The query editor contains the following SQL query:

```
1 SELECT *
2 FROM pedido INNER JOIN notafiscal ON ped_numero=not_ped_fk
3 WHERE not_duplicatas >= 5
4
```

The left sidebar shows the database schema 'projetofinal2' with various tables listed. The bottom panel displays the 'Result Grid' with the following data:

ped_numero	ped_valor	not_numero	not_valor	not_dataemissao	not_duplicatas	not_valoripi	not_form_fk	not_ped_fk
9010	4585.00	10	1050.00	2021-12-12	9	9.5	5009F	9010
9017	195.00	47	1187.00	2012-02-22	6	5.4	5018F	9017
9013	6500.00	85	520.00	2015-02-21	5	1.5	5012F	9013
9013	6500.00	654	599.00	2013-12-22	6	1.5	5012F	9013
9007	500.00	2222	6922.00	2021-05-05	7	10	5006F	9007
9018	4500.00	8745	8888.00	2022-02-22	7	1000	5005F	9018

## 2- INNER JOIN DE DUAS TABELA + WHERE

SELECT \*

FROM transportadora INNER JOIN possuiendtransp ON transp\_cod = possui\_trans\_fk

INNER JOIN endereco

ON end\_id = possui\_end\_fk

WHERE transp\_nome LIKE '%O%'

MySQL Workbench

ProjetoFINAL02 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- empresa
- projetoFINAL
- projetoFINAL2
  - Tables
    - comprador
    - conteudoprodutopedido
    - empresa
    - encaminhatransnota
    - endereco
    - fornecedor
    - funcionario
    - notafiscal
    - pedido
    - possuiendfornecedor
    - possuiendtransp
    - possuifuncempresa
    - produto
    - realizapedidocomprador
    - rotaendnota
    - transportadora
  - Views
  - Stored Procedures
  - Functions
- sakila
- sys
- world

Administration Schemas

Information

SQL File 1\*

```
1 SELECT *
2 FROM transportadora INNER JOIN possuiendtransp ON transp_cod = possui_trans_fk INNER JOIN endereco
3     ON end_id = possui_end_fk
4 WHERE transp_nome LIKE '%O%'
5
6
```

Result Grid

Filter Rows:

Exports: Wrap Cell Contents: I

transp_cod	transp_nome	possui_end_fk	possui_trans_fk	end_id	end_cep	end_numero	end_rua	end_cidade	end_bairro
1002T	Expresso Mudanças	0003T	1002T	0003T	76829-470	808	Rua Giro Monteiro	Porto Velho	Tancredo Neves
1004T	Correnia	0005T	1004T	0005T	69313-048	616	Rua Postal	Boa vista	Jóquei Clube
1006T	Bate volta	0007T	1006T	0007T	40230-086	336	Avenida das Esmeraldas	Salvador	Federação
1009T	Rodonavies	0010T	1009T	0010T	74974-330	506	Rua Rio Grande	Alperceida	Sector dos Estados
1014T	Correios	0015T	1014T	0015T	66055-260	16	Rua Antonio Joaquim	Belem	Nazaré
1015T	Giro Flex	0016T	1015T	0016T	96204-040	1220	Rua Dr Xavier	Rio Grande	Zona Portuária

Schema: projetoFINAL2

Result Grid

Form Editor

Field Types

Atividade 1

Acesso Conf

Result Grid

### 3- INNER JOIN DE DUAS TABELA + WHERE

SELECT \*

FROM comprador INNER JOIN realizapedidocomprador ON comp\_cod = real\_comp\_fk

INNER JOIN pedido

ON real\_ped\_fk = ped\_numero

WHERE ped\_valor BETWEEN '7500' AND '9500'

MySQL Workbench

ProjetoFINAL02 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- empresa
- projetoFINAL
- projetoFINAL2
  - Tables
    - comprador
    - contendoprodutopedido
    - empresa
    - encaminhatransnota
    - endereco
    - fornecedor
    - funcionario
    - notafiscal
    - pedido
    - possuiendfornecedor
    - possuiendtransp
    - possuifuncempresa
    - produto
    - realizapedidocomprador
    - rotaendnota
    - transportadora
  - Views
  - Stored Procedures
  - Functions
- sakila
- sys
- world

Administration Schemas

Information

Schema: projetoFINAL2

SQL File 1\*

```
1 SELECT *
2 FROM comprador INNER JOIN realizapedidocomprador ON comp_cod = real_comp_fk INNER JOIN pedido
3     ON real_ped_fk = ped_numero
4 WHERE ped_valor BETWEEN '7500' AND '9500'
```

Limit to 1000 rows

Result Grid

comp_cod	comp_nome	real_ped_fk	real_comp_fk	real_datacompra	ped_numero	ped_valor
0004CO	Marcelo Silva	9004	0004CO	2022-06-01	9004	9100.00
0009CO	Endriw Luka	9009	0009CO	1997-04-21	9009	8080.00
0012CO	Fernando Silva	9012	0012CO	2022-04-29	9012	7720.00
0014CO	Gislene Freitas	9014	0014CO	2021-03-22	9014	9320.00

Filter Rows: Exports: Wrap Cell Content: 13

Result Grid Form Editor Field Types

Atividade V

#### 4- LEFT JOIN + WHERE + WHERE NULL

SELECT \*

FROM fornecedor LEFT JOIN notafiscal ON forn\_cod = not\_forn\_fk

WHERE not\_numeronf IS NULL

MySQL Workbench

ProjetoFINAL02 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

empresa

projetoFINAL

projetoFINAL2

Tables

- comprador
- conteudoprodutopedido
- empresa
- encaminhatranspnota
- endereco
- fornecedor
- funcionario
- notafiscal
- pedido
- possuiendfornecedor
- possuiendtransp
- possuifuncempresa
- produto
- realizapedidocomprador
- rotaendnota
- transportadora

Views

Stored Procedures

Functions

sakila

sys

world

Administration Schemas

Information

Schema: projetoFINAL2

SQL File 1\*

```
1 SELECT *
2 FROM fornecedor LEFT JOIN notafiscal ON forn_cod = not_forn_fk
3 WHERE not_numeronf IS NULL
4
5
```

Limit to 1000 rows

Result Grid

forn_cod	forn_nome	forn_telefone	not_numeronf	not_valor	not_dataemissao	not_duplicatas	not_valoripi	not_forn_fk	not_ped_fk
5008F	DOLCE G	21 2045-2040	NULL	NULL	NULL	NULL	NULL	NULL	NULL
5011F	GUCCI	+1 2555-1141	NULL	NULL	NULL	NULL	NULL	NULL	NULL
5013F	LACOSTE	11 4121-7796	NULL	NULL	NULL	NULL	NULL	NULL	NULL
5014F	APPLE	44 7444-1145	NULL	NULL	NULL	NULL	NULL	NULL	NULL
5016F	WILSON	99 7847-2007	NULL	NULL	NULL	NULL	NULL	NULL	NULL
5017F	MIZUNO	65 4787-1287	NULL	NULL	NULL	NULL	NULL	NULL	NULL
5020F	COLCCI	32 8747-7784	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Filter Rows:

Export:

Wrap Cell Contents: I

Result Grid

Form Editor

Field Types

Atividade 01 v

Acesso Conf

## 5- LEFT JOIN + WHERE + WHERE NULL

SELECT\*

FROM funcionario LEFT JOIN comprador ON func\_comp\_fk = comp\_cod

WHERE func\_comp\_fk IS NULL AND func\_tipo ='caixa'

The screenshot shows the MySQL Workbench interface. The SQL Editor contains the following query:

```
1 SELECT*
2 FROM funcionario LEFT JOIN comprador ON func_comp_fk = comp_cod
3 WHERE func_comp_fk IS NULL AND func_tipo ='caixa'
4
5
```

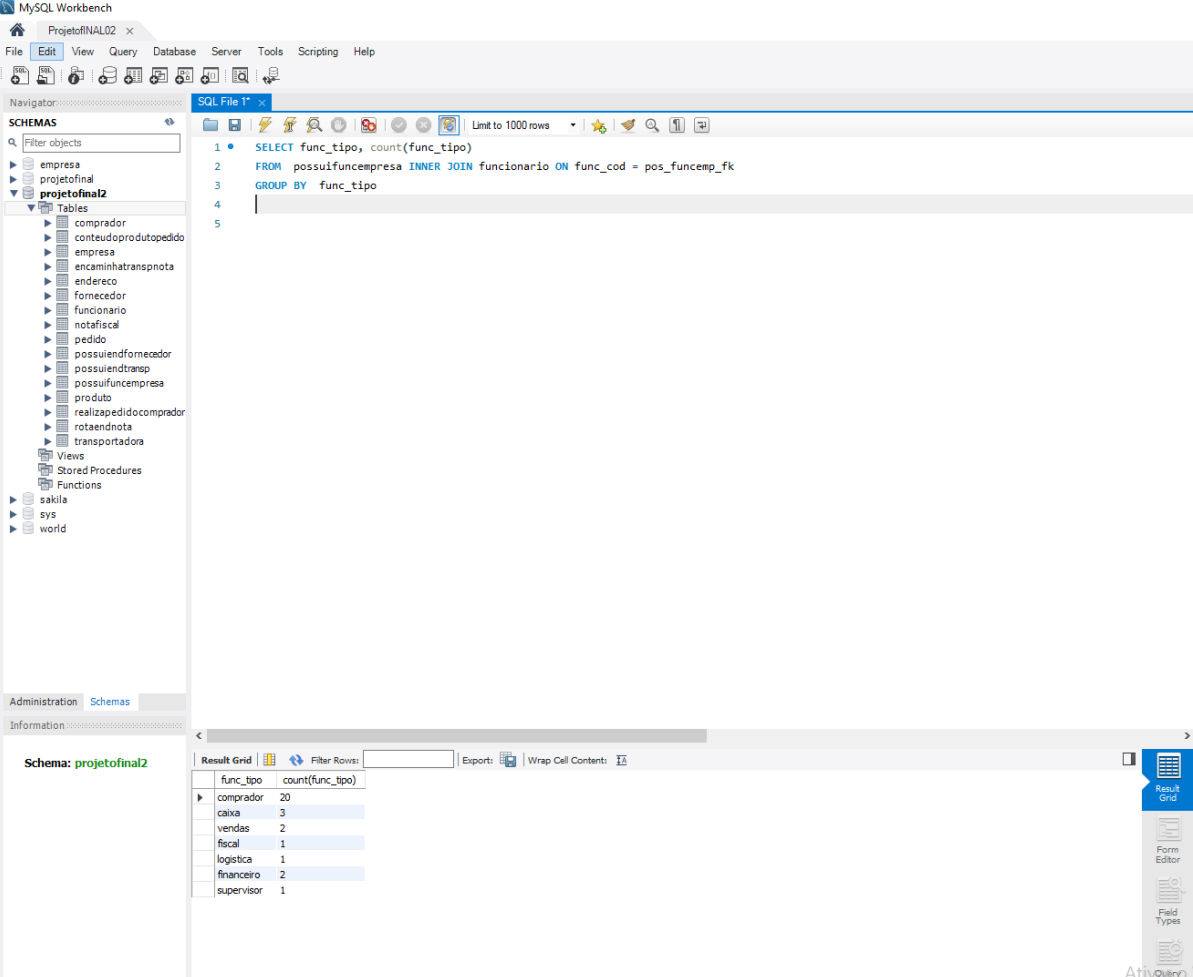
The Results window displays the following data:

func_cod	func_tipo	func_nome	func_comp_fk	comp_cod	comp_nome
007FU	caixa	Léa correa	NULL	NULL	NULL
012FU	caixa	Claudia Teles	NULL	NULL	NULL
015FU	caixa	Orlando Silva	NULL	NULL	NULL

At the bottom right, there is a watermark that reads "Atividade V Acesso Confi" (Activity V Access Confidential).

## 6- GROUP BY + INNER JOIN + FUNÇÃO AGREGADA

```
SELECT func_tipo, count(func_tipo)
FROM possuifuncempresa INNER JOIN funcionario ON func_cod = pos_funcemp_fk
GROUP BY func_tipo
```



The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with 'projetofinal2' selected. The main editor shows the following SQL query:

```
1 SELECT func_tipo, count(func_tipo)
2 FROM possuifuncempresa INNER JOIN funcionario ON func_cod = pos_funcemp_fk
3 GROUP BY func_tipo
4
5
```

The bottom panel shows the 'Result Grid' with the following data:

func_tipo	count(func_tipo)
comprador	20
caixa	3
vendas	2
fiscal	1
logistica	1
financeiro	2
supervisor	1

## 7-GROUP BY + INNER JOIN + FUNÇÃO AGREGADA

```
select emp_nomefantasia, count(func_cod)
from empresa INNER JOIN possuifuncempresa ON emp_cnpj = pos_empfunc_fk INNER
JOIN funcionario
    ON func_cod = pos_funcemp_fk
GROUP BY emp_cnpj
```

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
1 select emp_nomefantasia, count(func_cod)
2 from empresa INNER JOIN possuifuncempresa ON emp_cnpj = pos_empfunc_fk INNER JOIN funcionario
3     ON func_cod = pos_funcemp_fk
4 GROUP BY emp_cnpj
```

The Results window displays the following data:

emp_nomefantasia	count(func_cod)
Tomás e Nathan Entulhos Ltda	1
Konverge em k	1
ATACADÃO PORTAL	2
Pereira Multimarcas	2
Casas Americanas	2
Bento e Clara Filmagens Ltda	1
Esporto das marcas	1
Esporte & Cia	1
Casa do 1.99	2
TEC-TOY Brinquedos	1
Joaninha baby	3
KAJU E KASTANHA COMERCIO	1
Max Importados	1
Importados e Cia	1
MJ Comercio	2
Importa e Vende	1
Bike e Cia	1
Regatas Topper	2
Meire Kids	2
Moveis Gualbim	2

## 8- GROUP BY + INNER JOIN + FUNÇÃO AGREGADA + HAVING

```
SELECT forn_nome, count(ped_numero)
FROM pedido INNER JOIN notafiscal ON ped_numero = not_ped_fk INNER JOIN
fornecedor
    ON forn_cod = not_forn_fk
GROUP BY forn_cod
HAVING count(ped_numero)
```

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with the 'projetofinal2' database selected. The main editor window contains the following SQL query:

```
1 SELECT forn_nome, count(ped_numero)
2 FROM pedido INNER JOIN notafiscal ON ped_numero = not_ped_fk INNER JOIN
3     ON forn_cod = not_forn_fk
4 GROUP BY forn_nome
5 HAVING count(ped_numero)
```

The 'Result Grid' at the bottom shows the query results:

forn_nome	count(ped_numero)
DIOR	2
KLIN	2
MOSKINO	2
PRADA	1
ADIDAS	2
HOUSTON	1
LUPO	1
CARTIER	1
HURLEY	3
UMBRO	1
CALESITA	1
NIKE	1
LEGO	2



## 9-GROUP BY + INNER JOIN + FUNÇÃO AGREGADA + HAVING

```
select emp_nomefantasia, count(func_cod)
```

```
from empresa INNER JOIN possuifuncempresa ON emp_cnpj = pos_empfunc_fk INNER  
JOIN funcionario
```

```
ON func_cod = pos_funcemp_fk
```

```
GROUP BY emp_nomefantasia
```

```
HAVING count(func_cod) >='2'
```

The screenshot shows the MySQL Workbench interface. The SQL Editor contains the following query:

```
1 select emp_nomefantasia, count(func_cod)
2 from empresa INNER JOIN possuifuncempresa ON emp_cnpj = pos_empfunc_fk INNER JOIN funcionario
3     ON func_cod = pos_funcemp_fk
4 GROUP BY emp_nomefantasia
5 HAVING count(func_cod) >='2'
```

The Results Grid shows the following data:

emp_nomefantasia	count(func_cod)
ATACADÃO PORTAL	2
Pereira Multimarcas	2
Casas Americanas	2
Casa do 1.99	2
Joaninha baby	3
MJ Comercio	2
Regatas Topper	2
Meire Kids	2
Movels Guabim	2

The interface also shows the Schemas pane on the left with the 'projetoFinal2' database selected. The bottom status bar indicates 'Result 10' and 'Read Only'.

10- 2 SELECTS  
 SELECT DISTINCT \*  
 FROM comprador  
 UNION  
 SELECT DISTINCT \*  
 FROM pedido

MySQL Workbench

ProjetoFINAL02

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

empresa  
 projetofinal  
 projetofinal2  
 Tables  
 comprador  
 conteudoprodutopedido  
 empresa  
 encaminhatransnota  
 endereco  
 fornecedor  
 funcionario  
 notafiscal  
 pedido  
 possuiendfornecedor  
 possuiendtransp  
 possuifuncempresa  
 produto  
 realizapedidocomprador  
 rotaendnota  
 transportadora  
 Views  
 Stored Procedures  
 Functions  
 sakila  
 sys  
 world

Administration Schemas

Information

No object selected

SQL File 1\*

1 SELECT DISTINCT \*  
 2 FROM comprador  
 3 UNION  
 4 SELECT DISTINCT \*  
 5 FROM pedido  
 6  
 7

Limit to 1000 rows

Result Grid

comp_cod	comp_nome
0001CO	Augusto Mateus
0002CO	Paulo Goes
0003CO	Edson Martins
0004CO	Marcelo Silva
0005CO	Claudia Mota
0006CO	Beatriz Soares
0007CO	Claudio Rocha
0008CO	Danilo Gomes
0009CO	Endriw Luka
0010CO	Lucas Aguiar
0011CO	Bruno Jesus
0012CO	Fernanda Silva
0013CO	Eduardo Silva
0014CO	Gislene Freitas
0015CO	Pedro Pedrao
0016CO	Jonas Neres
0017CO	Tarso Genro
0018CO	Allan Sergio
0019CO	Divan de Melo
0020CO	Lucas Lopes
9001	2500.00
9002	5500.00
9003	2300.00
9004	9100.00
9005	6900.00
9006	1100.00
9007	500.00
9008	1590.00
9009	8080.00
9010	4585.00
9011	3333.00
9012	7720.00
9013	6500.00
9014	9320.00
9015	500.00
9016	4100.00
9017	195.00
9018	4500.00
9019	5120.00
9020	3245.00

Result 8

Output

Read Only

Acesso Confi