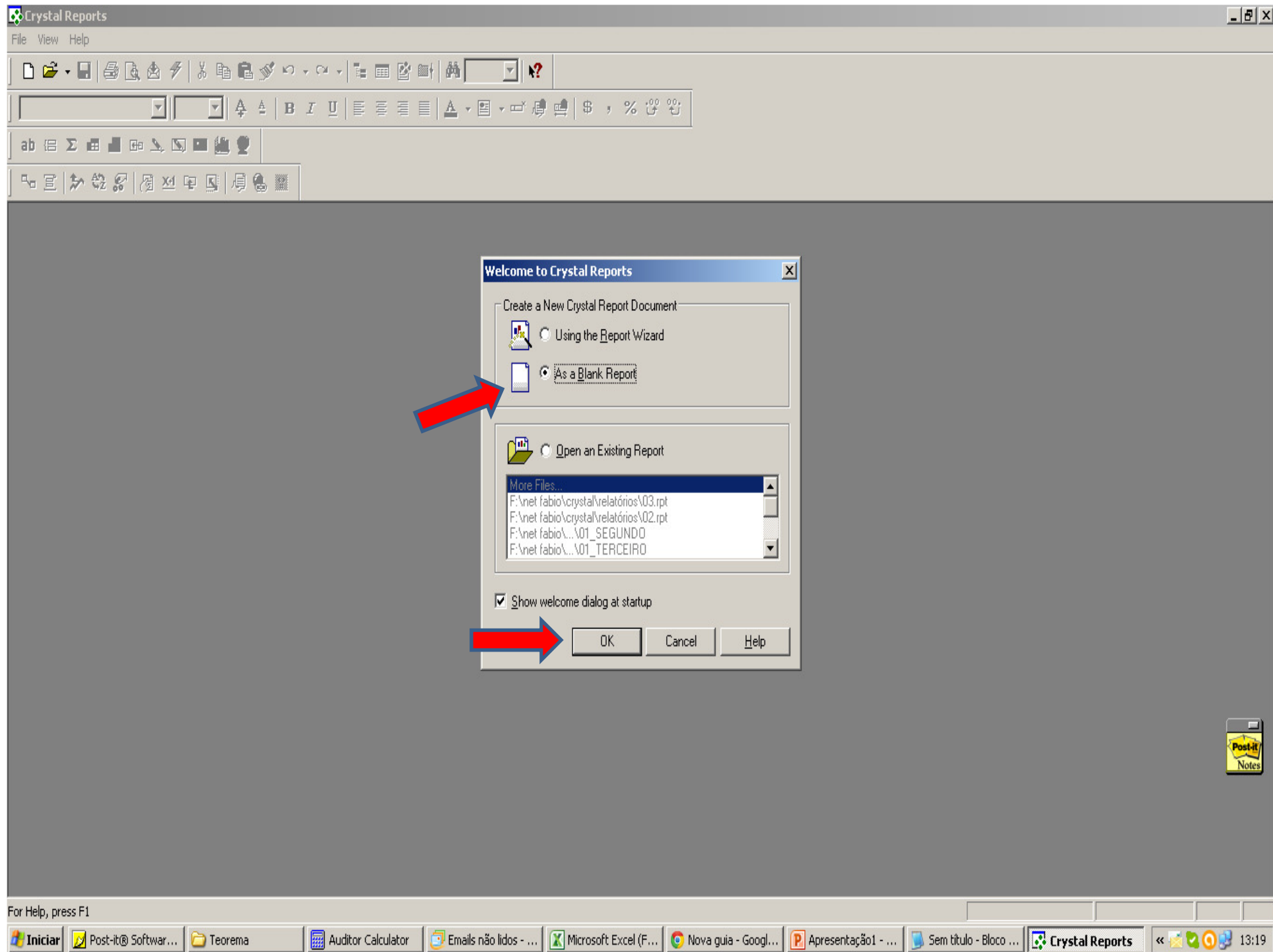
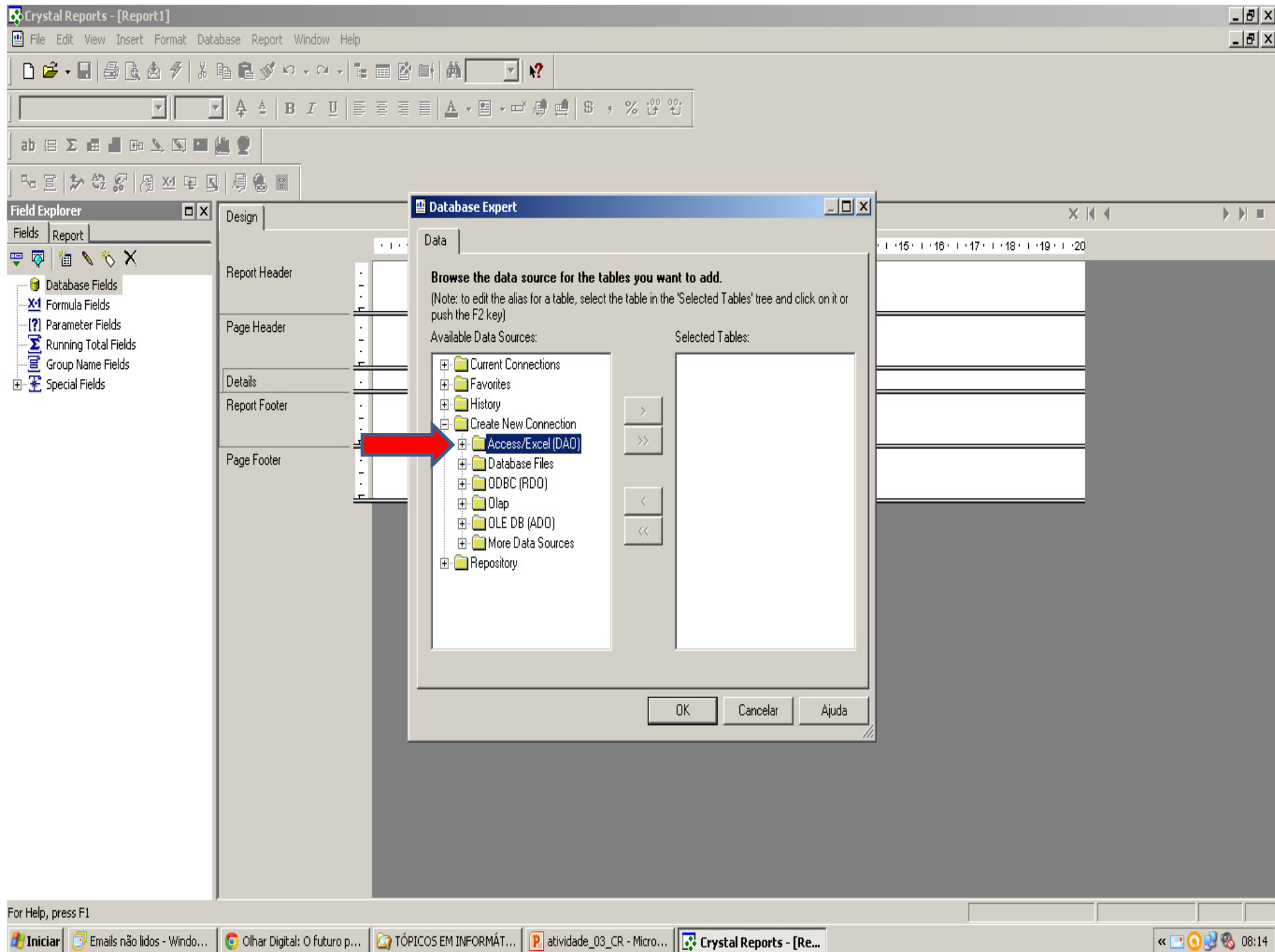
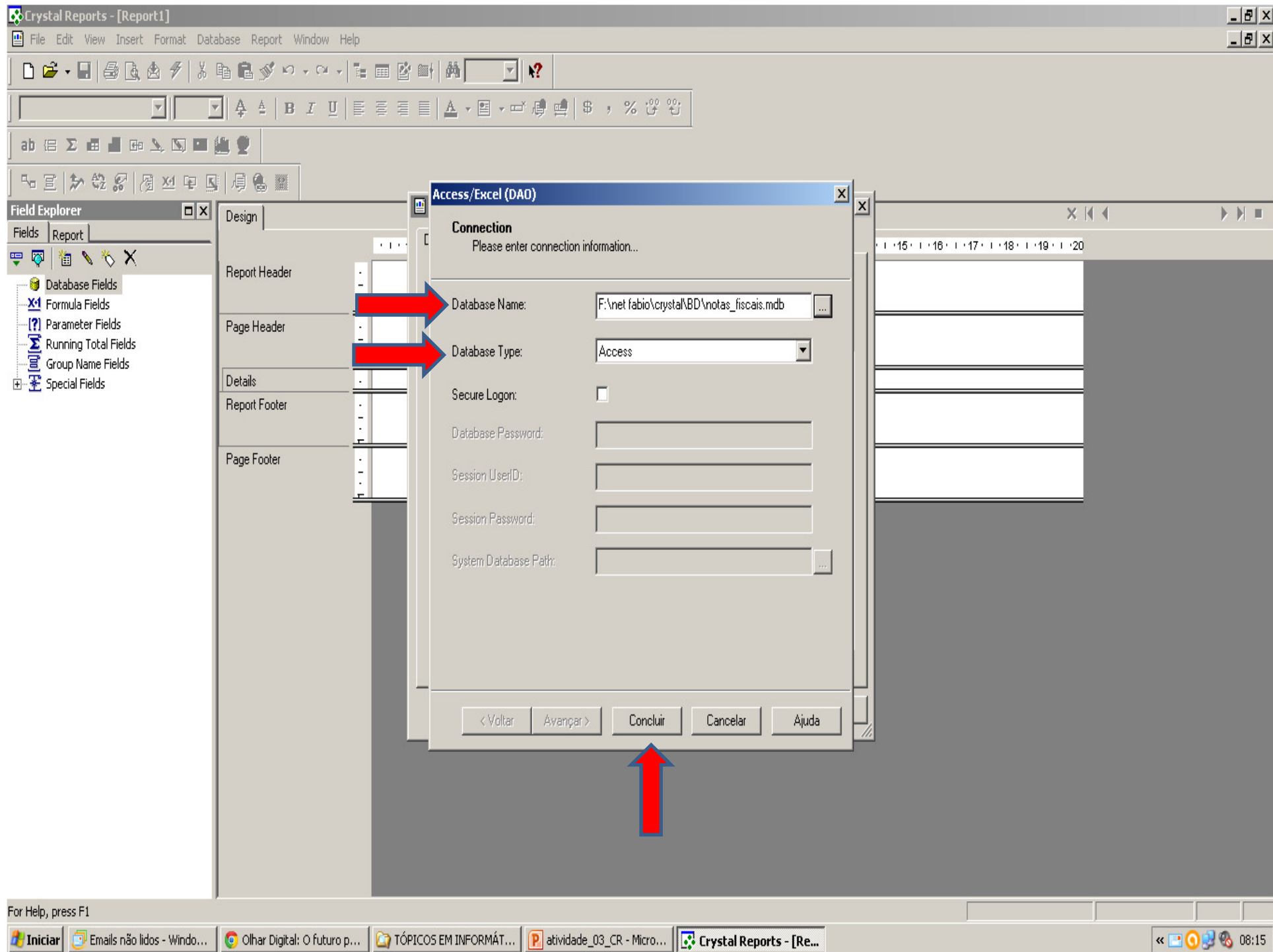


- > Faça o download do arquivo NOTAS_FISCAIS que está no site;
- > Acessar o Crystal Reports;
- > Deixe marcado a opção As a Blank Report e clique no botão OK







Crystal Reports - [Report2]

File Edit View Insert Format Database Report Window Help

ab [Icons]

Field Explorer

Fields Report

- Database Fields
- Formula Fields
- Parameter Fields
- Running Total Fields
- Group Name Fields
- Special Fields

Design

Report Header

Page Header

Details

Report Footer

Page Footer

Database Expert

Data

Browse the data source for the tables you want to add.
(Note: to edit the alias for a table, select the table in the 'Selected Tables' tree and click on it or push the F2 key)

Available Data Sources:

- History
- Create New Connection
- Access/Excel (DAO)
- Database Files
- ODBC (RDO)
- Make New Connect
- MS Access Databases
 - Add Command
 - CFOP
 - clientes_fornecedores
 - notas_fiscais
 - OPERACAO
 - UF
- Olap

Selected Tables:

OK Cancelar Ajuda

For Help, press F1

Windows Taskbar:

- Iniciar
- Emails não lidos - Windo...
- Nova guia - Google Chrome
- BD
- Designer
- Apresentação1 - Microso...
- Crystal Reports - [Re...

System Tray: 08:19

Crystal Reports - [Report2]

File Edit View Insert Format Database Report Window Help

ab [Icons]

Field Explorer

- Database Fields
- Formula Fields
- Parameter Fields
- Running Total Fields
- Group Name Fields
- Special Fields

Design

Report Header

Page Header

Details

Report Footer

Page Footer

Database Expert

Data Links

Browse the data source for the tables you want to add.
(Note: to edit the alias for a table, select the table in the "Selected Tables" tree and click on it or push the F2 key)

Available Data Sources:

- History
- Create New Connection
- Access/Excel (DAO)
- Database Files
- ODBC (RDO)
- Make New Connect
- MS Access Databases
 - Add Command
 - CFOP
 - clientes_fornecedores
 - notas_fiscais
 - OPERACAO
 - UF
- Olap

Selected Tables:

- MS Access Database
 - CFOP
 - OPERACAO
 - UF
 - clientes_fornecedores
 - notas_fiscais

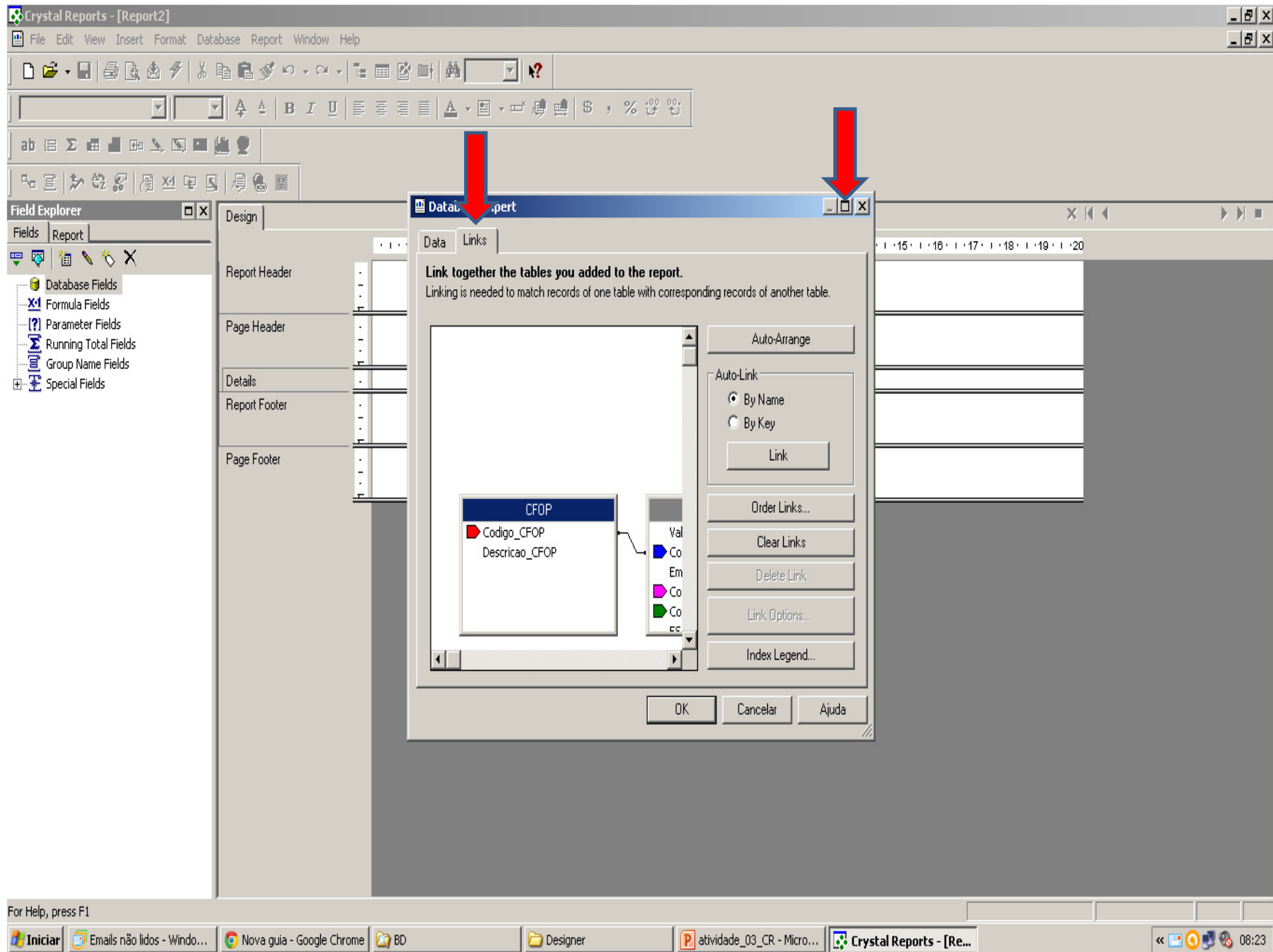
OK Cancelar Ajuda

For Help, press F1

Windows Taskbar:

- Iniciar
- Emails não lidos - Windo...
- Nova guia - Google Chrome
- BD
- Designer
- Apresentação1 - Microso...
- Crystal Reports - [Re...

System Tray: 08:19



Database Expert

Data Links

Link together the tables you added to the report.
Linking is needed to match records of one table with corresponding records of another table.

```
graph LR; CFOP[CFOP] --- notas_fiscais[notas_fiscais]; notas_fiscais --- clientes_fornecedores[clientes_fornecedores]; notas_fiscais --- UF[UF]; notas_fiscais --- OPERACAO[OPERACAO];
```

The diagram illustrates the following table structures and relationships:

- CFOP**:
 - Codigo_CFOP
 - Descricao_CFOP
- notas_fiscais**:
 - Valor_NF
 - Codigo_CFOP
 - Emissao_NF
 - Codigo_UF
 - Codigo_OPERACAO
 - CF
 - NF
- clientes_fornecedores**:
 - Codigo_CF
 - Nome_CF
 - Cidade_CF
 - Codigo_UF
 - Telefone_CF
 - TE
 - CE
- UF**:
 - Codigo_UF
 - Descricao_UF
- OPERACAO**:
 - Codigo_OPERACAO
 - Descricao_OPERACAO

Relationships:

- CFOP is linked to notas_fiscais.
- notas_fiscais is linked to clientes_fornecedores, UF, and OPERACAO.

Auto-Link options:

- ☒ By Name
- ☐ By Key
- Link
- Order Links...
- Clear Links
- Delete Link
- Link Options...
- Index Legend...

OK Cancelar Ajuda

Crystal Reports - [Report2]

File Edit View Insert Format Database Report Window Help

Text Object

Summary...
Field Heading

Group...

OLAP Grid...

Cross-Tab...

Subreport...

Line

Box

Picture...

Chart...

Map...

OLE Object...

Template Field Object

Field Explorer

Fields Report

Database Field

Formula Fields

SQL Expression

Parameter Field

Running Total

Group Name Field

Special Fields

Header

Header

Header

Header

Footer

Page Footer

Records: 418

08:26

Insert a group

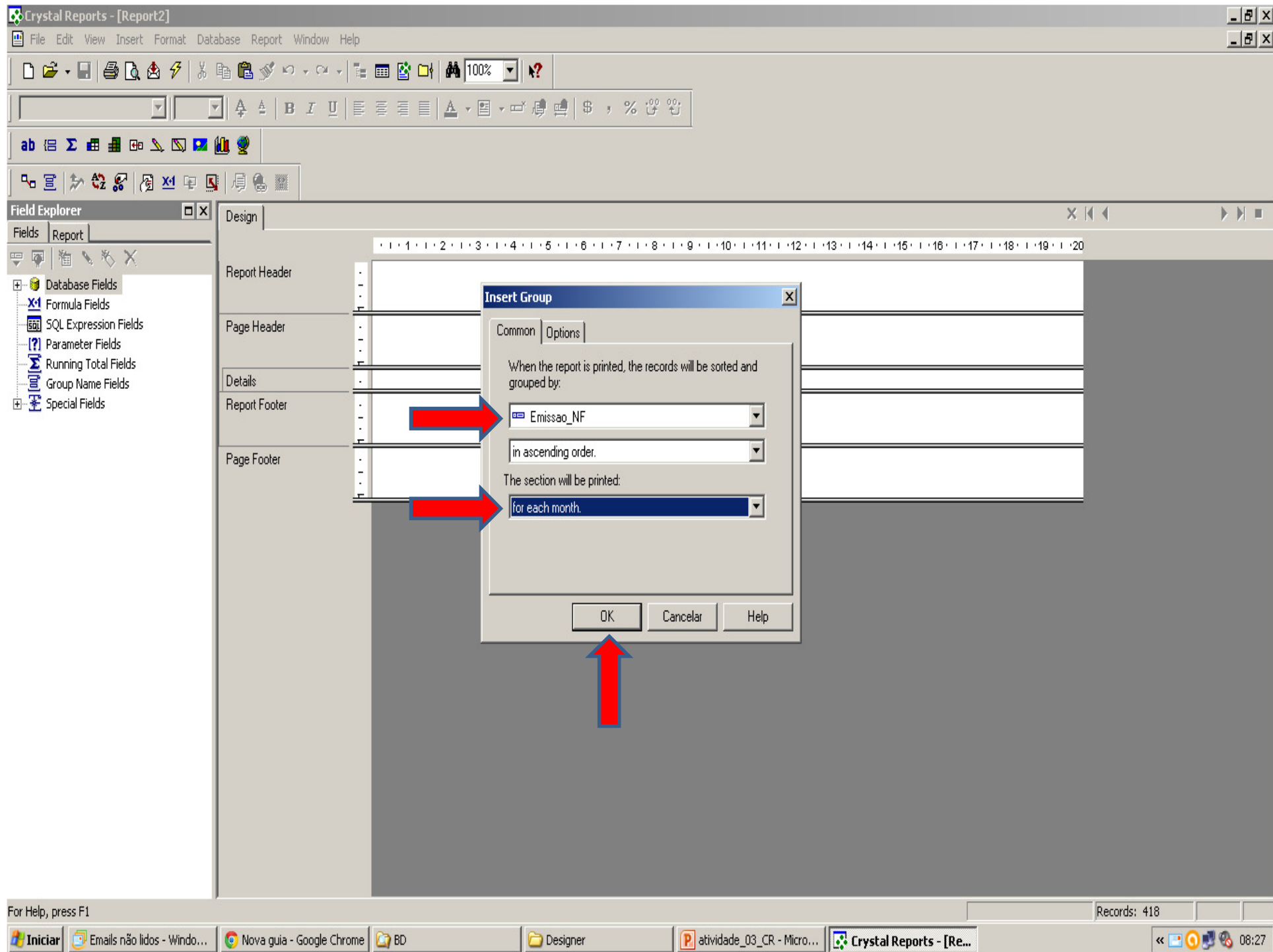
Novo guia - Google Chrome

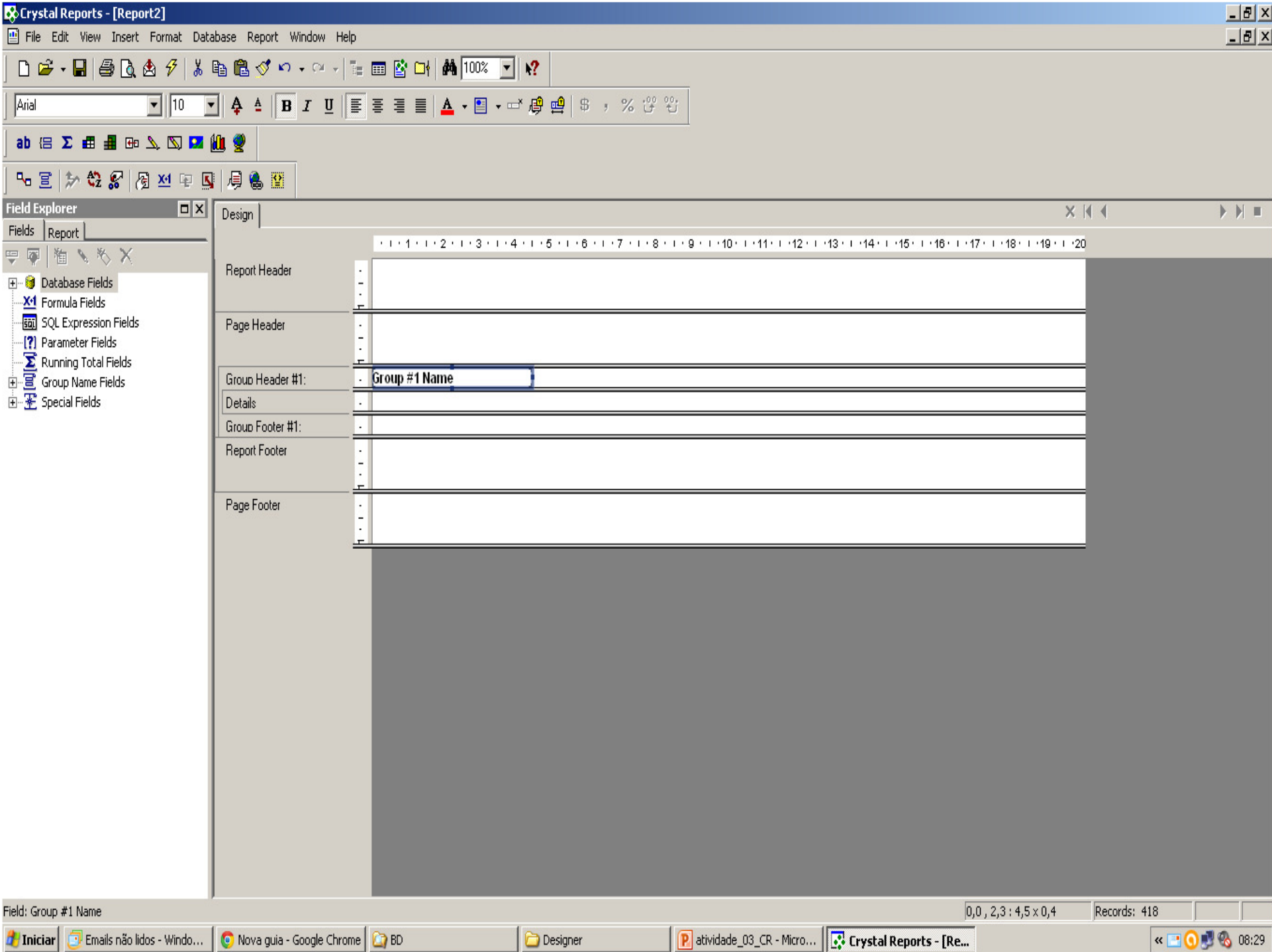
BD

Designer

atividade_03_CR - Micro...

Crystal Reports - [Re...





Crystal Reports - [Report2]

File Edit View Insert Format Database Report Window Help

100%

Arial 10

ab

Field Explorer

Fields Report

- Database Fields
 - Formula Fields
 - SQL Expression Fields
 - Parameter Fields
 - Running Total Fields
 - Group Name Fields
 - Special Fields

Design

Report Header

Page Header

Group Header #1:

Details

Group Footer #1: Group #1 Name

Report Footer

Page Footer

Field: Group #1 Name

0,0 , 3,3 : 4,5 x 0,4 Records: 418

Iniciar Emails não lidos - Windo... Nova guia - Google Chrome BD Designer atividade_03_CR - Micro... Crystal Reports - [Re... 08:29

Crystal Reports - [Report2]

File Edit View Insert Format Database Report Window Help

100%

ab { } Σ □ ▢ ▣ ▤ ▥ ▦ ▧ ▨ ▩

Field Explorer

Fields Report

Database Fields
Formula Fields
SQL Expression Fields
Parameter Fields
Running Total Fields
Group Name Fields
Special Fields

Design

Report Header
Page Header
Group Header #1:
Details
Group Footer #1:
Report Footer
Page Footer

Report Header
Hide (Drill-Down OK)
Suppress (No Drill-Down)
Section Expert...
Show Short Section Names
Insert Line
Delete Last Line
Arrange Lines
Fit Section
Insert Section Below
Select All Section Objects
Cancel Menu

Suppress the selected section

Records: 418

Iniciar Emails não lidos - Windo... Nova guia - Google Chrome BD Designer atividade_03_CR - Micro... Crystal Reports - [Re... 08:35

Crystal Reports - [Report2]

File Edit View Insert Format Database Report Window Help

100%

ab { } Σ □ ▢ ▣ ▤ ▥ ▦ ▧ ▨ ▩

Field Explorer

Fields Report

Database Fields
Formula Fields
SQL Expression Fields
Parameter Fields
Running Total Fields
Group Name Fields
Special Fields

Design

Report Header
Page Header
Group Header #1:
Details
Group Footer #1:
Report Footer
Page Footer

Group Header #1: notas_fiscais.Emissao_NF - A

Hide (Drill-Down OK)

Suppress (No Drill-Down)

Section Expert...

Change Group...

Show Short Section Names

Insert Line

Delete Last Line

Arrange Lines

Fit Section

Insert Section Below

Delete Group

Select All Section Objects

Cancel Menu

Suppress the selected section

Records: 418

Iniciar Emails não lidos - Windo... Nova guia - Google Chrome BD Designer atividade_03_CR - Micro... Crystal Reports - [Re...

08:32

Crystal Reports - [Report2]

File Edit View Insert Format Database Report Window Help

100%

ab { } Σ □ ▢ ▣ ▤ ▥ ▦ ▧ ▨ ▩

Field Explorer

Fields Report

Database Fields

Formula Fields

SQL Expression Fields

Parameter Fields

Running Total Fields

Group Name Fields

Special Fields

Design

Report Header

Page Header

Group Header #1:

Details

Group Footer #1:

Report Footer

Page Footer

Details

Hide (Drill-Down OK)

Suppress (No Drill-Down)

Section Expert...

Show Short Section Names

Insert Line

Delete Last Line

Arrange Lines

Fit Section

Insert Section Below

Select All Section Objects

Cancel Menu

Suppress the selected section

Records: 418

Iniciar Emails não lidos - Windo... Nova guia - Google Chrome BD Designer atividade_03_CR - Micro... Crystal Reports - [Re...

08:33

Crystal Reports - [Report2]

File Edit View Insert Format Database Report Window Help

100%

ab { } Σ □ ▢ ▣ ▤ ▥ ▦ ▧ ▨ ▩

Field Explorer

Fields Report

Database Fields

- Formula Fields
- SQL Expression Fields
- Parameter Fields
- Running Total Fields
- Group Name Fields
- Special Fields

Design

Report Header

Page Header

Group Header #1:

Details

Group Footer #1: Group #1 Name

Report Footer

Page Footer

Report Footer

Hide (Drill-Down OK)

Suppress (No Drill-Down)

Section Expert...

Show Short Section Names

Insert Line

Delete Last Line

Arrange Lines

Fit Section

Insert Section Below

Select All Section Objects

Cancel Menu

Suppress the selected section

Records: 418

Iniciar Emails não lidos - Windo... Nova guia - Google Chrome BD Designer atividade_03_CR - Micro... Crystal Reports - [Re... 08:36

Crystal Reports - [Report2]

File Edit View Insert Format Database Report Window Help

100%

ab { } Σ □ ▢ ▣ ▤ ▥ ▦ ▧ ▨ ▩

Field Explorer

Fields Report

Database Fields

- Formula Fields
- SQL Expression Fields
- Parameter Fields
- Running Total Fields
- Group Name Fields
- Special Fields

Design

Report Header

Page Header

Group Header #1:

Details

Group Footer #1: Group #1 Name

Report Footer

Page Footer

Suppress (No Drill-Down)

Suppress the selected section

Records: 418

08:37

Crystal Reports - [03]

File Edit View Insert Format Database Report Window Help

100%

ab

Field Explorer

Fields Report

- Database Fields
- Formula Fields
- SQL Expression Fields
- Parameter Fields
- Running Total Fields
- Group Name Fields
- Special Fields

Design Preview

Report Header

Page Header

VENDAS POR PERÍODO

PERÍODO	MENOR VENDA	MAIOR VENDA	MÉDIA VENDA	TOTAL	RELAÇÃO
---------	-------------	-------------	-------------	-------	---------

Group Header #1:

Details

Group Footer #1: Group #1 Name

Report Footer

Page Footer

TOTAL:

13,3 , 5,8 : 2,5 x 0,5 Records: 418

For Help, press F1

Windows Taskbar:

- Iniciar
- Emails não lidos - Windo...
- Nova guia - Google Chrome
- BD
- Designer
- atividade_03_CR - Micro...
- Crystal Reports - [03]

08:39

Crystal Reports - [03]

File Edit View Insert Format Database Report Window Help

100%

Field Explorer

Fields Report

- Database Fields
- Formula Fields
- SQL Expression Fields
- Parameter Fields
- Running Total Fields
- Group Name Fields
- Special Fields

Design Preview

Report Header

Page Header

VENDAS POR PERÍODO

[PERÍODO] [MENOR VENDA] [MAIOR VENDA] [MÉDIA VENDA] [TOTAL] [RELAÇÃO]

Group Header #1:

Details

Group Footer #1: [Group #1 Name]

Report Footer

Page Footer

13,3 , 5,8 : 2,5 x 0,5 Records: 418

For Help, press F1

Windows Taskbar:

- Iniciar
- Emails não lidos - Windo...
- Nova guia - Google Chrome
- BD
- Designer
- atividade_03_CR - Micro...
- Crystal Reports - [03]

08:39

Crystal Reports - [03]

File Edit View Insert Format Database Report Window Help

Text Object
Summary...
Field Heading
Group...
OLAP Grid...
Cross-Tab...
Subreport...
Line
Box
Picture...
Chart...
Map...
OLE Object...
Template Field Object

Field Explorer
Fields Report

Database Field
Formula Fields
SQL Expression
Parameter Field
Running Total
Group Name Field
Special Fields

Preview

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Group Header #1:
Details
Group Footer #1:
Report Footer
Page Footer

VENDAS POR PERÍODO

[PERÍODO] [MENOR VENDA] [MAIOR VENDA] [MÉDIA VENDA] [TOTAL] [RELAÇÃO]

[TOTAL:]

13,3 , 5,8 : 2,5 x 0,5 Records: 418

Iniciar Emails não lidos - Wind... Nova guia - Google Chrome BD Designer atividade_03_CR - Micro... Crystal Reports - [03] 08:40

Crystal Reports - [03]

File Edit View Insert Format Database Report Window Help

100%

ab

Field Explorer

- Database Fields
- Formula Fields
- SQL Expression Fields
- Parameter Fields
- Running Total Fields
- Group Name Fields
- Special Fields

Design Preview

Report Header

Page Header

Group Header #1:

Details

Group Footer #1:

Report Footer

Page Footer

PERÍODO

Group #1 Name

Insert Summary

Choose the field to summarize:

notas_fiscais_Valor_NF

Calculate this summary:

Minimum

Summary location

Group #1: notas_fiscais_Emissao_NF - A

Insert Group...

Options

☐ Show as a percentage of

Grand Total: Min of Valor_NF

☐ Summarize across hierarchy

OK Cancel Help

13,3 , 5,8 : 2,5 x 0,5 Records: 418

For Help, press F1

08:41

Crystal Reports - [03]

File Edit View Insert Format Database Report Window Help

100%

ab

Field Explorer

Fields Report

- Database Fields
- Formula Fields
- SQL Expression Fields
- Parameter Fields
- Running Total Fields
- Group Name Fields
- Special Fields

Design Preview

Report Header

Page Header

VENDAS POR PERÍODO

PERÍODO	MENOR VENDA	MAIOR VENDA	MÉDIA VENDA	TOTAL	RELAÇÃO
Group #1 Name					
s_fiscais_Valor_NF					
TOTAL:					

Report Footer

Page Footer

Records: 418

08:42

Crystal Reports - [03]

File Edit View Insert Format Database Report Window Help

Text Object
Summary...
Field Heading
Group...
OLAP Grid...
Cross-Tab...
Subreport...
Line
Box
Picture...
Chart...
Map...
OLE Object...
Template Field Object

Field Explorer
Fields Report

Database Field
Formula Fields
SQL Expression
Parameter Field
Running Total
Group Name Field
Special Fields

Preview

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Group Header #1:
Details
Group Footer #1:
Report Footer
Page Footer

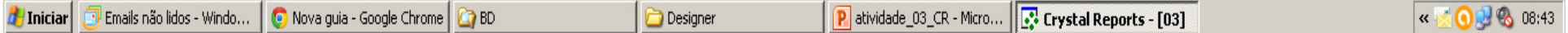
VENDAS POR PERÍODO

[PERÍODO] [MENOR VENDA] [MAIOR VENDA] [MÉDIA VENDA] [TOTAL] [RELAÇÃO]

[TOTAL:]

13,3 , 5,8 : 2,5 x 0,5 Records: 418

Iniciar Emails não lidos - Windo... Nova guia - Google Chrome BD Designer atividade_03_CR - Micro... Crystal Reports - [03] 08:40



Crystal Reports - [03]

File Edit View Insert Format Database Report Window Help

100%

ab

Field Explorer

Fields Report

- Database Fields
- Formula Fields
- SQL Expression Fields
- Parameter Fields
- Running Total Fields
- Group Name Fields
- Special Fields

Design Preview

Report Header

Page Header

VENDAS POR PERÍODO

PERÍODO	MENOR VENDA	MAIOR VENDA	MÉDIA VENDA	TOTAL	RELAÇÃO
Group #1 Name					
s_fiscais_Valor_NF					
fiscais_Valor_NF					
TOTAL:					

Report Footer

Page Footer

Records: 418

08:43

Crystal Reports - [03]

File Edit View Insert Format Database Report Window Help

Text Object
Summary...
Field Heading
Group...
OLAP Grid...
Cross-Tab...
Subreport...
Line
Box
Picture...
Chart...
Map...
OLE Object...
Template Field Object

Field Explorer
Fields Report

Database Field
Formula Fields
SQL Expression
Parameter Field
Running Total
Group Name Field
Special Fields

Preview

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Group Header #1:
Details
Group Footer #1:
Report Footer
Page Footer

VENDAS POR PERÍODO

[PERÍODO] [MENOR VENDA] [MAIOR VENDA] [MÉDIA VENDA] [TOTAL] [RELAÇÃO]

[TOTAL:]

13,3 , 5,8 : 2,5 x 0,5 Records: 418

Iniciar Emails não lidos - Wind... Nova guia - Google Chrome BD Designer atividade_03_CR - Micro... Crystal Reports - [03] 08:40



Crystal Reports - [03]

File Edit View Insert Format Database Report Window Help

100%

ab

Field Explorer

Fields Report

- Database Fields
- Formula Fields
- SQL Expression Fields
- Parameter Fields
- Running Total Fields
- Group Name Fields
- Special Fields

Design Preview

Report Header

Page Header

VENDAS POR PERÍODO

PERÍODO	MENOR VENDA	MAIOR VENDA	MÉDIA VENDA	TOTAL	RELAÇÃO
Group #1 Name					
s_fiscais_Valor_NF					
fiscais_Valor_NF					
fiscais_Valor_NF					
TAL:					

Report Footer

Page Footer

Records: 418

08:45

Crystal Reports - [03]

File Edit View Insert Format Database Report Window Help

Text Object
Summary...
Field Heading
Group...
OLAP Grid...
Cross-Tab...
Subreport...
Line
Box
Picture...
Chart...
Map...
OLE Object...
Template Field Object

Field Explorer
Fields Report

Database Field
Formula Fields
SQL Expression
Parameter Field
Running Total
Group Name Field
Special Fields

Preview

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Group Header #1:
Details
Group Footer #1:
Report Footer
Page Footer

VENDAS POR PERÍODO

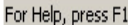
[PERÍODO] [MENOR VENDA] [MAIOR VENDA] [MÉDIA VENDA] [TOTAL] [RELAÇÃO]

[TOTAL:]

13,3 , 5,8 : 2,5 x 0,5 Records: 418

Iniciar Emails não lidos - Windo... Nova guia - Google Chrome BD Designer atividade_03_CR - Micro... Crystal Reports - [03] 08:40





Crystal Reports - [03]

File Edit View Insert Format Database Report Window Help

Text Object
Summary...
Field Heading
Group...
OLAP Grid...
Cross-Tab...
Subreport...
Line
Box
Picture...
Chart...
Map...
OLE Object...
Template Field Object

Field Explorer
Fields Report

Database Field
Formula Fields
SQL Expression
Parameter Field
Running Total
Group Name Field
Special Fields

Preview

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Group Header #1:
Details
Group Footer #1:
Report Footer
Page Footer

VENDAS POR PERÍODO

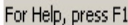
[PERÍODO] [MENOR VENDA] [MAIOR VENDA] [MÉDIA VENDA] [TOTAL] [RELAÇÃO]

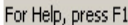
[TOTAL:]

13,3 , 5,8 : 2,5 x 0,5 Records: 418

Iniciar Emails não lidos - Windo... Nova guia - Google Chrome BD Designer atividade_03_CR - Micro... Crystal Reports - [03] 08:40







Formula Workshop - Formula Editor - RELAÇÃO

Save and close Save

Crystal Syntax //

Report Custom Functions
Repository Custom Functions
Formula Fields
SQL Expression Fields
Selection Formulas
Formatting Formulas

Report Fields
F:\net fabio\crystal\ABD\notas_fiscais.xls (Access/Excel (DAO))

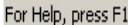
Functions

Operators

$$\frac{\text{Sum}(\{\text{notas_fiscais_Valor_NF}\}, \{\text{notas_fiscais_Emissao_NF}\}, \text{"monthly"})}{\text{Sum}(\{\text{notas_fiscais_Valor_NF}\})} * 100$$

Total Geral do período / Total Geral final

Iniciar Emails não lidos - Windo... Nova guia - Google Chrome BD Designer atividade_03_CR - Micro... Crystal Reports - [03] 08:48



→ Crie os parâmetros:

→ PERÍODO INICIAL

→ PERÍODO FINAL

→ Salve-o com o nome de exercício_04

→ Mande para o Fábio pelo site (lembre-se de compactá-lo OU direto pelo e-mail fabio@capripr.com.br)