

APLICATIE

Realizați o aplicație în Access care să imite funcționarea unui sistem informatic al unui magazin de calculatoare. Sistemul informatic prin intermediul bazei de date trebuie să stocheze și să administreze informațiile privitoare la produsele din magazin precum și vânzările efectuate.

Cerințe:

1. Proiectați tabelele necesare funcționării optime a aplicației (noțiunile de client, obiect spre vânzare etc. vor avea obligatoriu un index unic pentru identificare);
2. Introduceți minim 30 de produse și minim 20 de clienți în baza de date;
3. Creați următoarele rapoarte pentru informare:

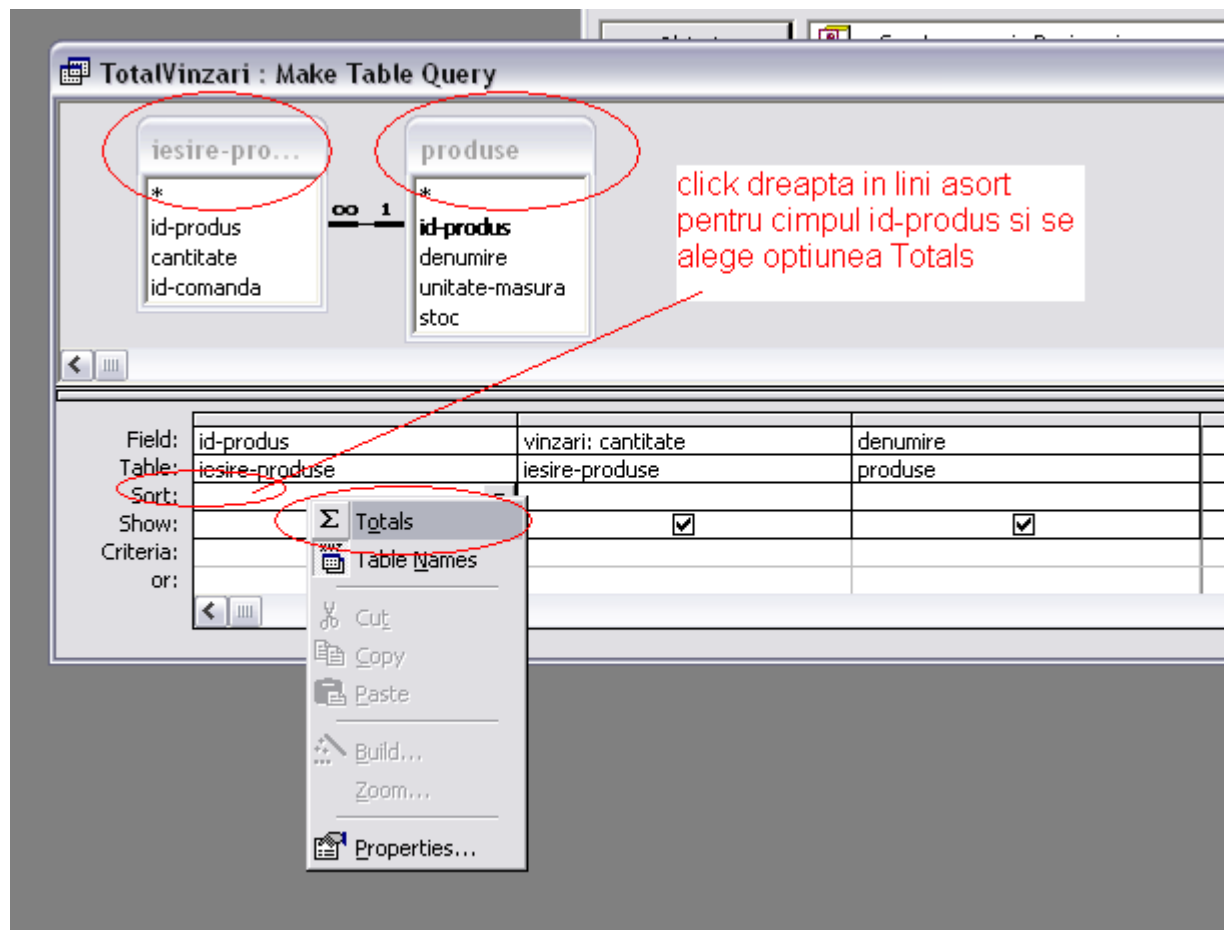
- _ produsele din stoc;
- _ vânzările din anumită perioadă;
- _ lista clienților unui anumit produs

iesire-produse : Table			
	Field Name	Data Type	
▶	id-produs	Number	
	cantitate	Number	
	id-comanda	Number	

produse : Table			
	Field Name	Data Type	
▶	id-produs	AutoNumber	
	denumire	Text	
	unitate-masura	Text	
	stoc	Number	

total-vinzari : Table			
	Field Name	Data Type	
	id-produs	Number	
	vinzari	Number	
	denumire	Text	

Creați următoarele rapoarte pentru informare:
 _ produsele din stoc;



magazin : Database

Open Design New

TotalVinzari : Make Table Query

iesire-pro... produse

* id-produs cantitate id-comanda

∞ 1

* id-produs denumire unitate-masura stoc

se observa ca optiunea Totals este activa pentru cimpul cantitate inaintea lui se scrie vinzari: iar din linia Total se alege functia agregat SUM care va totaliza toate vinzarile grupate dupa id_produș

Field:	id-produs	vinzari: cantitate	denumire
Table:	iesire-produse	iesire-produse	produse
Total:	Group By	Sum	Group By
Sort:			
Show:		☒	☒
Criteria:			
or:			

Σ Totals
Table Names
Cut
Copy
Paste
Build...
Zoom...
Properties...

magazin : Database

Open Design New

TotalVinzari : Make Table Query

iesire-pro... produse

* id-produs cantitate id-comanda

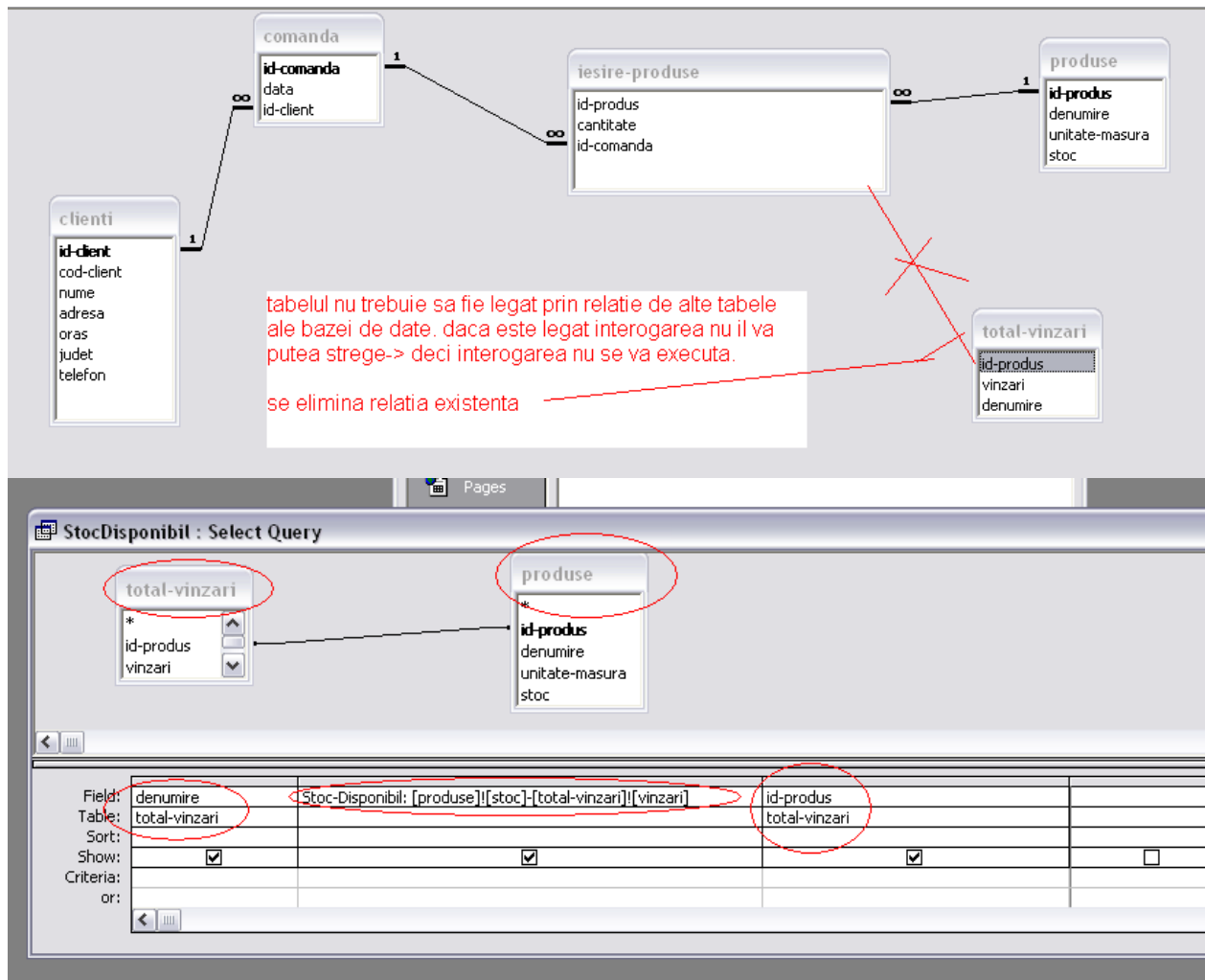
∞ 1

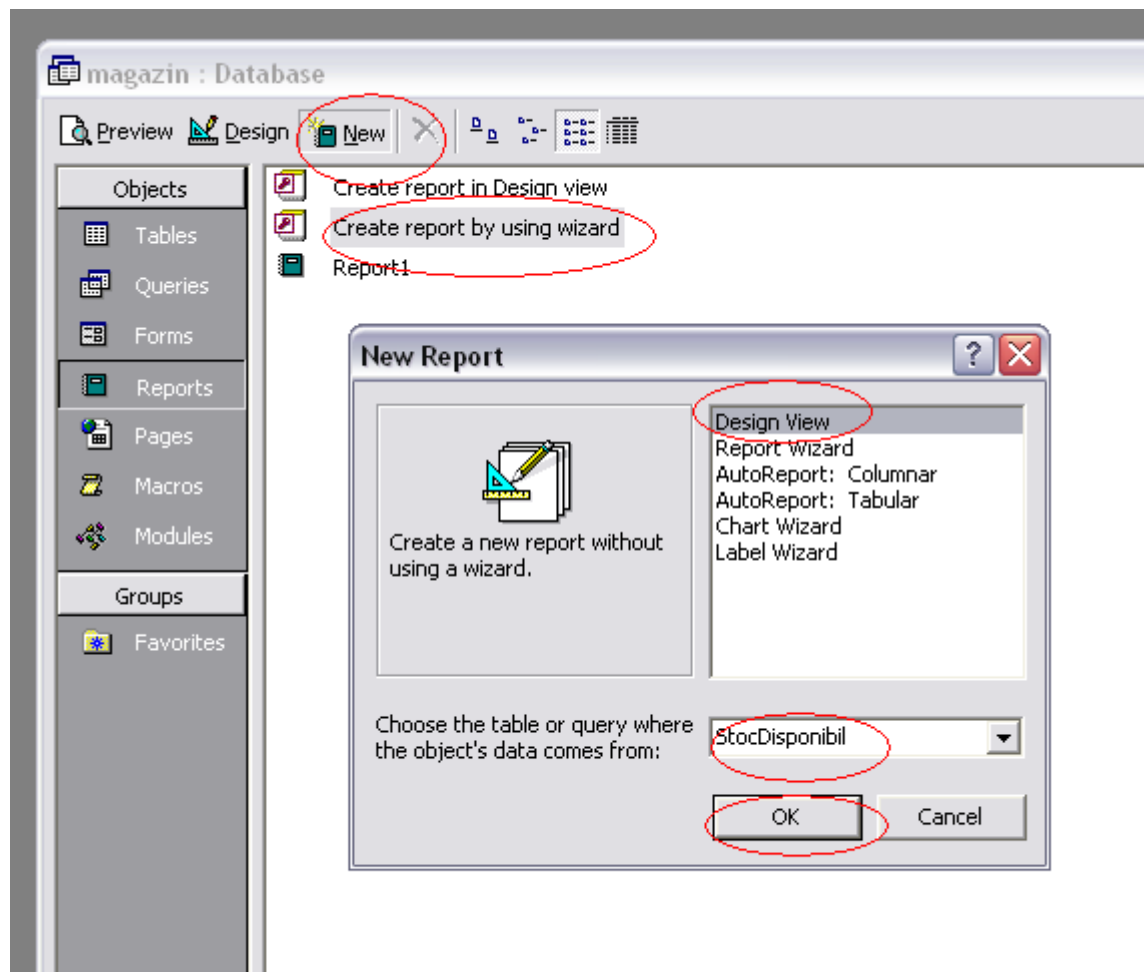
* id-produs denumire unitate-masura stoc

click dreapta in zona tabelor -> Query Type -> Make-Table Query si se alege un nume pentru tabelul ce va stoca rezultatul interogarii. la fiecare executie a interogarii tabelul este sters si apoi creat din nou.

Datasheet View
Show Table...
Parameters...
Query Type
SQL Specific
Relationships...
Properties...

Select Query
Crosstab Query
Make-Table Query...
Update Query
Append Query...
Delete Query





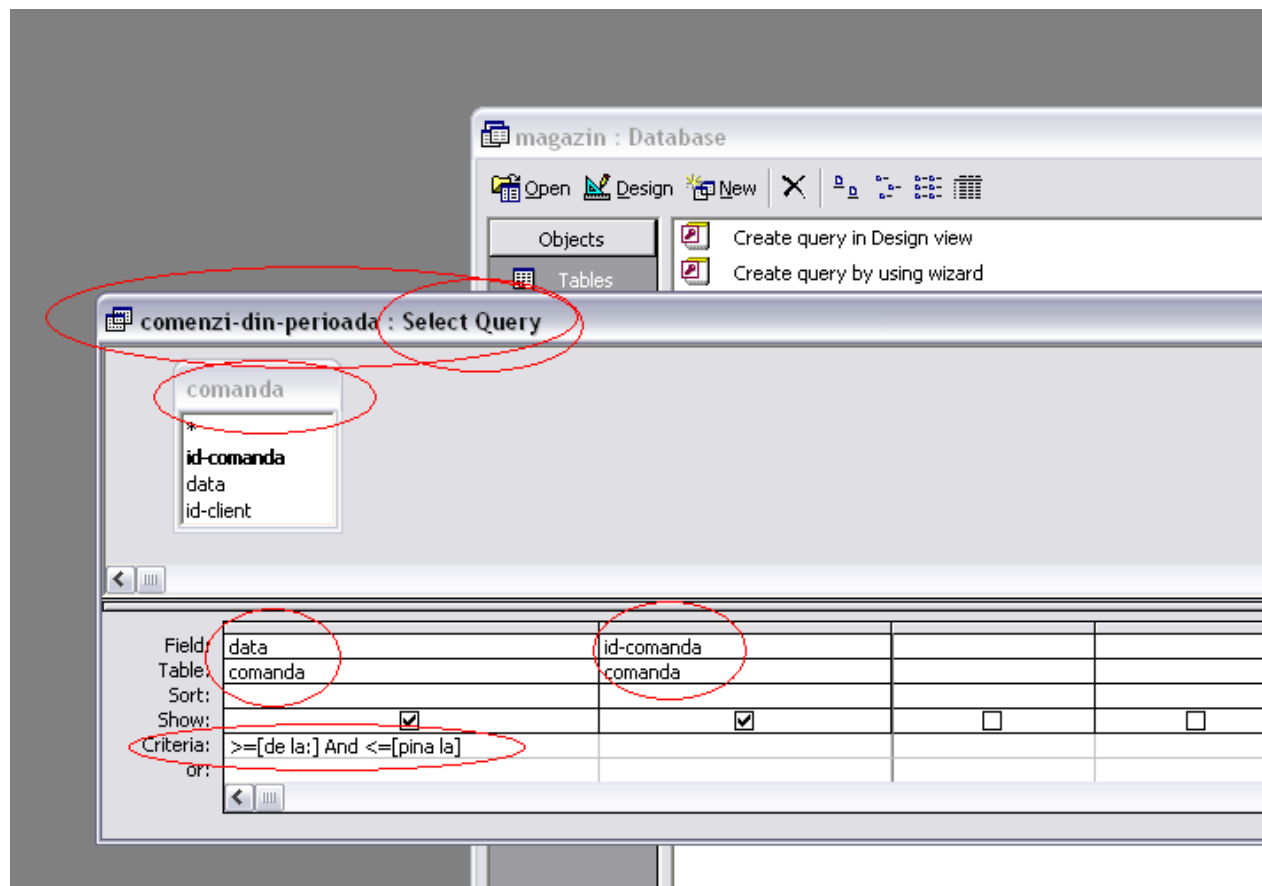
The screenshot shows a report design interface titled "Report2 : Report". The report is divided into sections: "Page Header", "Detail", and "Page F". The "Detail" section contains a table with a grid of cells. Two cells in the "Detail" section are circled in red. The first circle is around a cell containing the text "denumire". The second circle is around a cell containing a text box labeled "denumire". Red arrows point from the text boxes to the circled cells. A red text box with the following content is overlaid on the report:

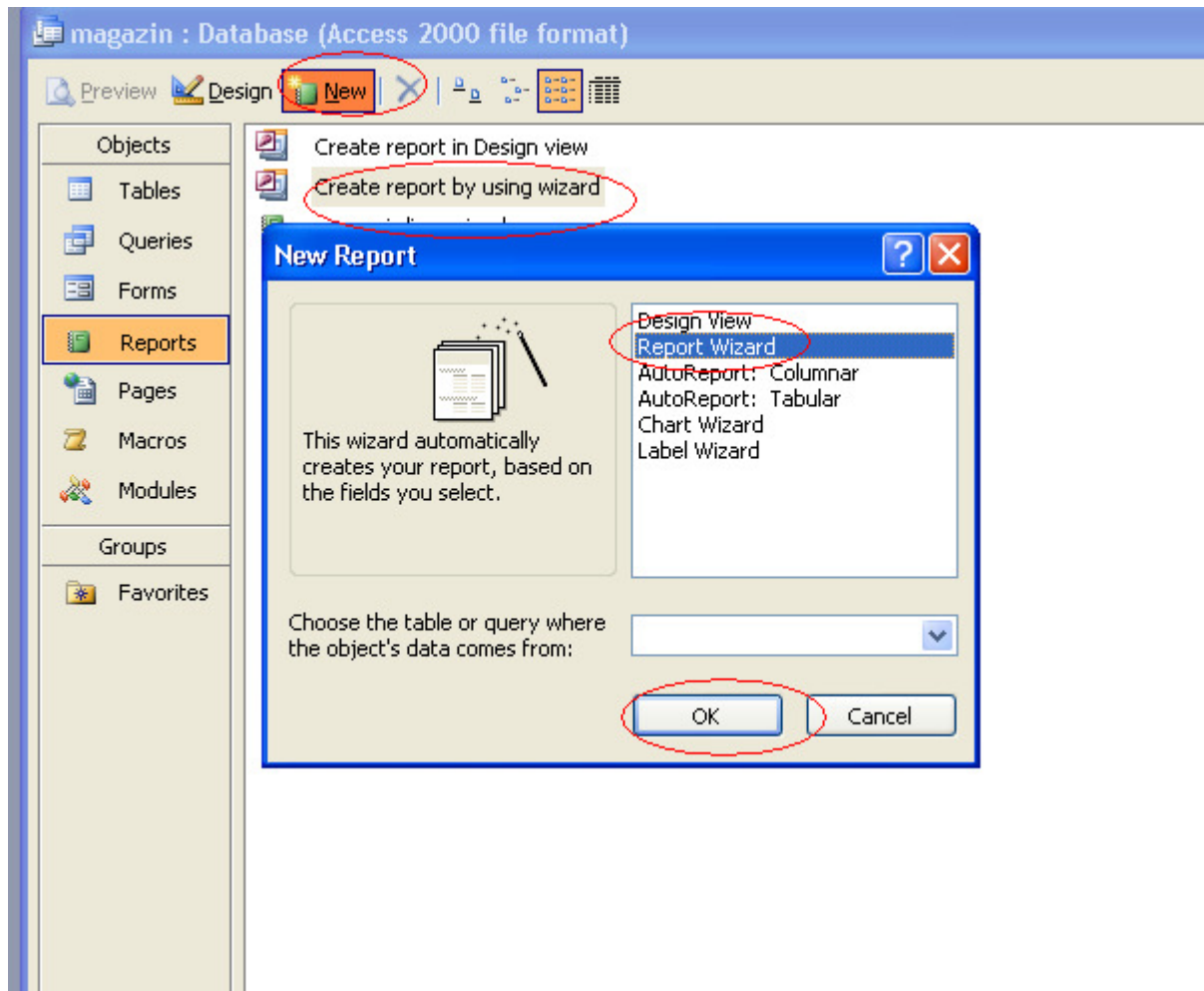
eticheta denumire folosind copy paste se
va pune in banda Page Header
iar textboxul denumire se lasa in
sectiunea Retail sub eticheta aferenta
din Page Header

cimpul denumire a fost adus din
fereastra tabelului prin drag-and-drop
in acelasi fel se procedeaza si cu celelalte 2 cimpuri

To the right of the report design tool, there is a small window titled "Stoc..." with a list of fields: "denumire", "Stoc-Disponibil", and "id-produs". Below this window is a "Toolbox" with various icons for report design elements.

Creați următoarele rapoarte pentru informare:
_ vânzările din anumita perioada;





Report Wizard

Which fields do you want on your report?
You can choose from more than one table or query.

Tables/Queries
Query: comenzi-din-perioada

Available Fields:
data

Selected Fields:
id-comanda

Buttons: >, >>, <, <<

Buttons: Cancel, < Back, Next >, Finish

Report Wizard

Which fields do you want on your report?
You can choose from more than one table or query.

Tables/Queries
Table: iesire-produse

Available Fields:
cantitate
id-comanda

Selected Fields:
id-comanda
id-produs

Buttons: >, >>, <, <<

Buttons: Cancel, < Back, Next >, Finish

Report Wizard

Which fields do you want on your report?
You can choose from more than one table or query.

Tables/Queries
Table: produse

Available Fields:
id-produs
unitate-masura
stoc

Selected Fields:
id-comanda
id-produs
denumire

Cancel < Back Next > Finish

Report Wizard

How do you want to view your data?

by produse
by iesire-produse
by comenzi-din-perioada

☒ Show me more information

id-comanda
id-produs, denumire

Cancel < Back Next > Finish

Report Wizard

Do you want to add any grouping levels? **Nu**

id-produs
denumire

>
<
↑
Priority
↓

id-comanda
id-produs, denumire

Grouping Options ... Cancel < Back **Next >** Finish

Report Wizard

What sort order do you want for detail records?

You can sort records by up to four fields, in either ascending or descending order.

```

XXXXXXXXXX
XXXXXXXXXX
XXXXXXXXXX
1 2 3 4
A 1 2 3 4
2 1 2 3 4
XXXXXXXXXX
A 1 2 3 4
2 1 2 3 4
XXXXXXXXXX
A 1 2 3 4
2 1 2 3 4
XXXXXXXXXX

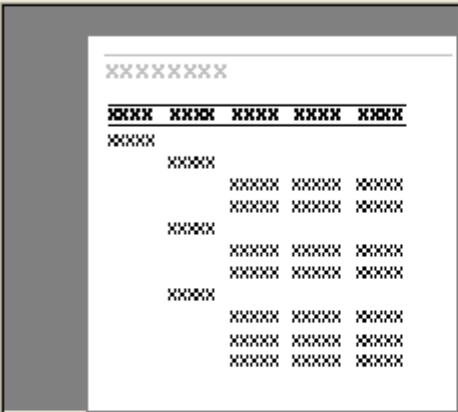
```

1 Ascending
2 Ascending
3 Ascending
4 Ascending

Cancel < Back **Next >** Finish

Report Wizard

How would you like to lay out your report?



Layout

☒ Stepped

☐ Block

☐ Outline 1

☐ Outline 2

☐ Align Left 1

☐ Align Left 2

Orientation

☒ Portrait

☐ Landscape

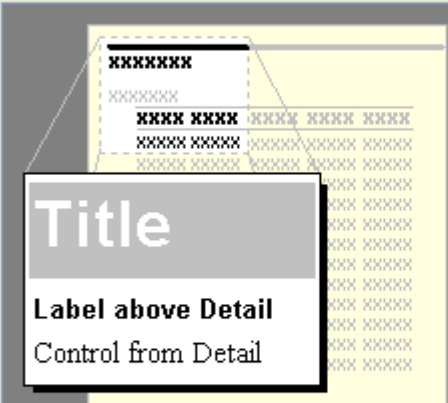


☒ Adjust the field width so all fields fit on a page.

Cancel < Back **Next >** Finish

Report Wizard

What style would you like?



Bold

Casual

Compact

Corporate

Formal

Soft Gray

Cancel < Back **Next >** Finish

Report Wizard

What title do you want for your report?

comenzi-din-perioada

That's all the information the wizard needs to create your report.

Do you want to preview the report or modify the report's design?

☒ Preview the report.

☐ Modify the report's design.

☐ Display Help on working with the report?

Cancel < Back Next > Finish

magazin : Database (Access 2000 file format)

Preview Design New

Objects

- Tables
- Queries
- Forms
- Reports**
- Pages
- Macros
- Modules

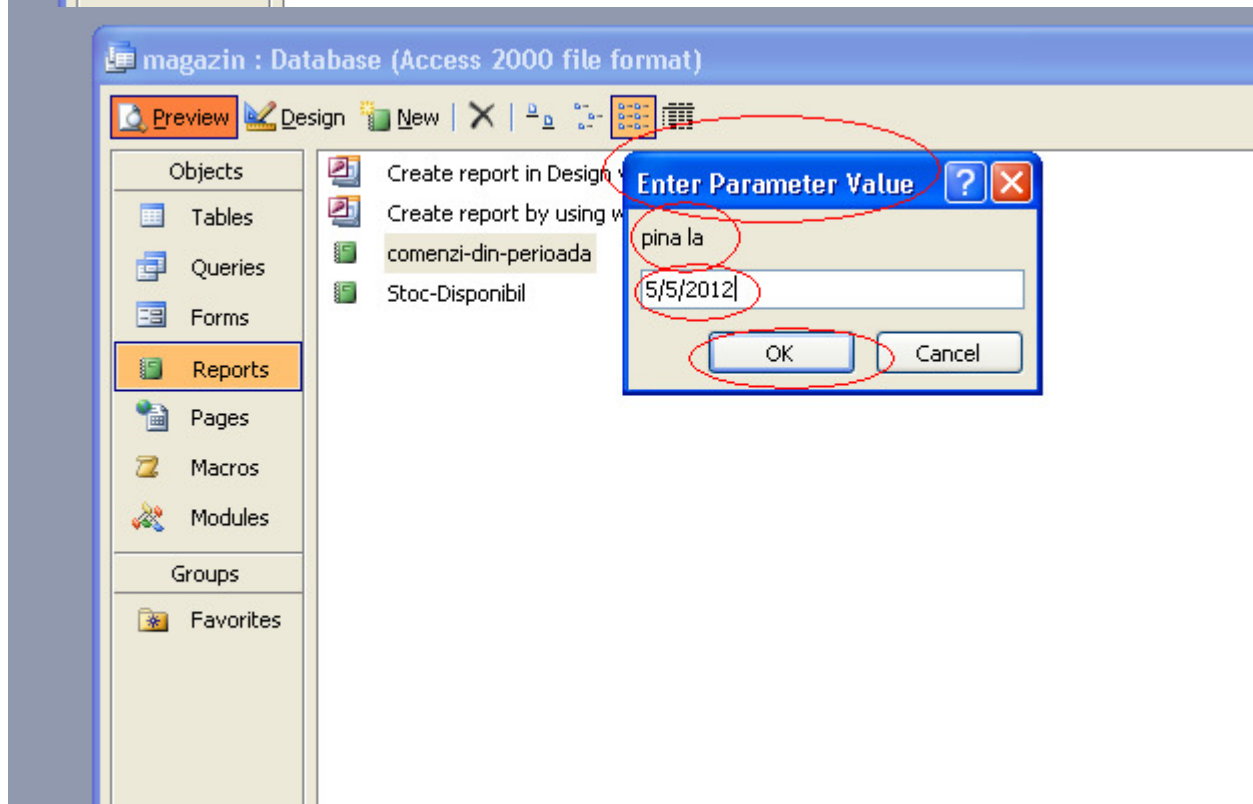
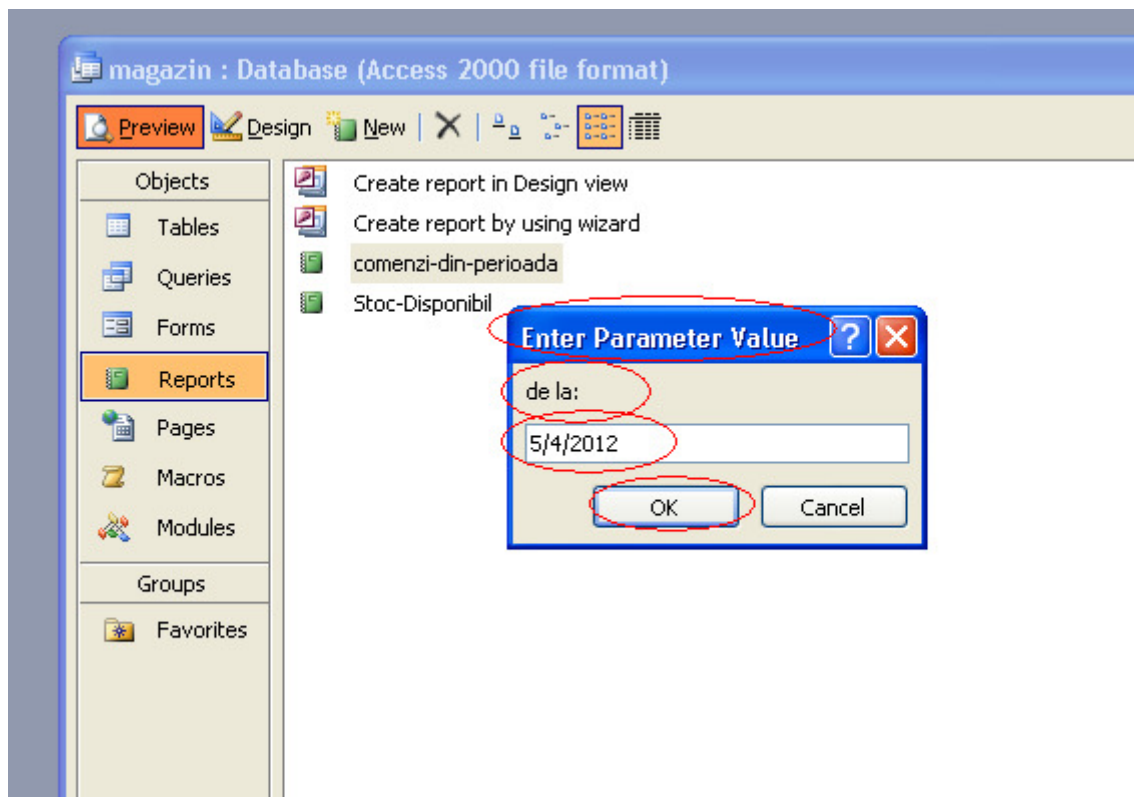
Groups

- Favorites

Create report in Design view

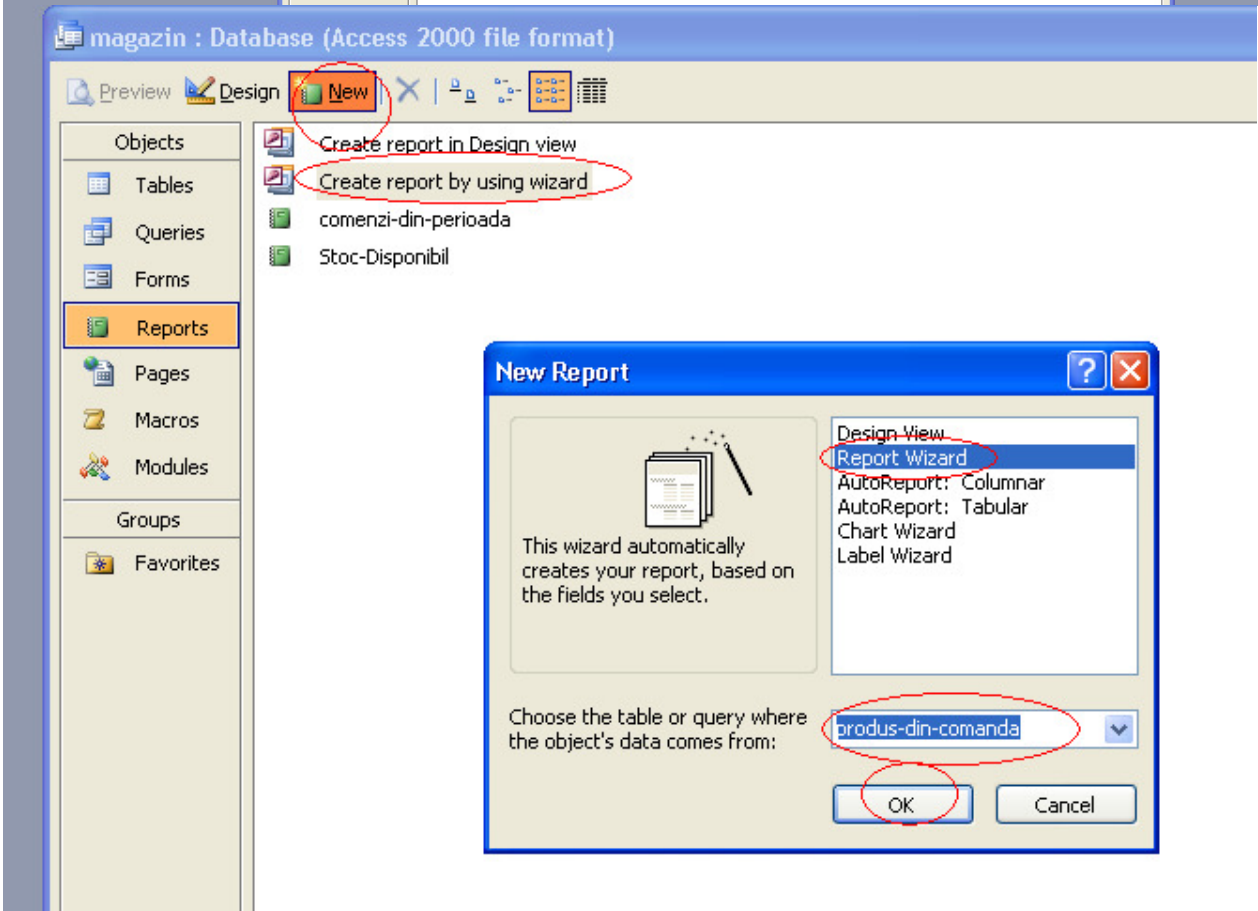
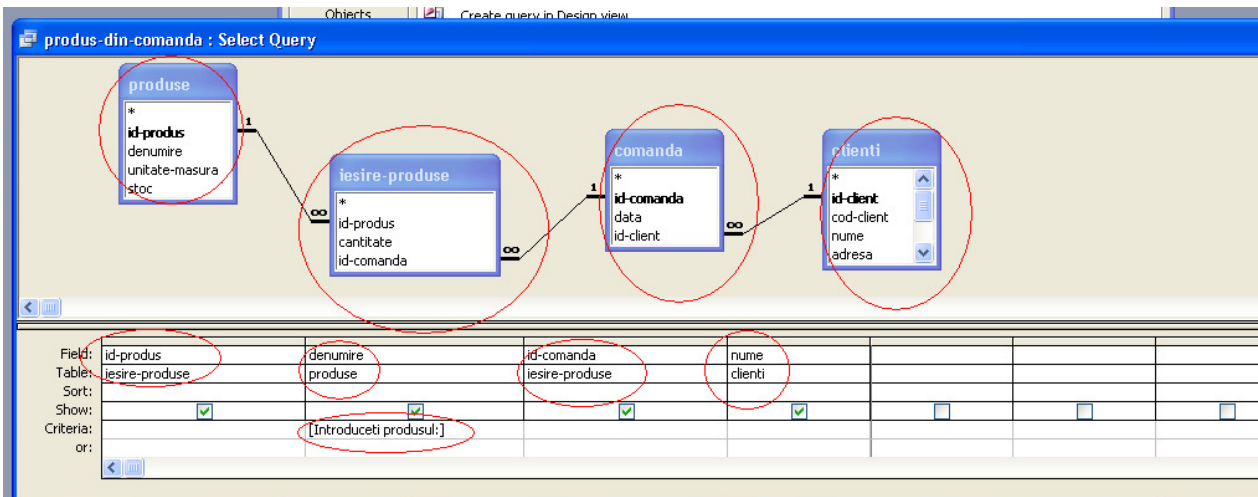
Create report by using wizard

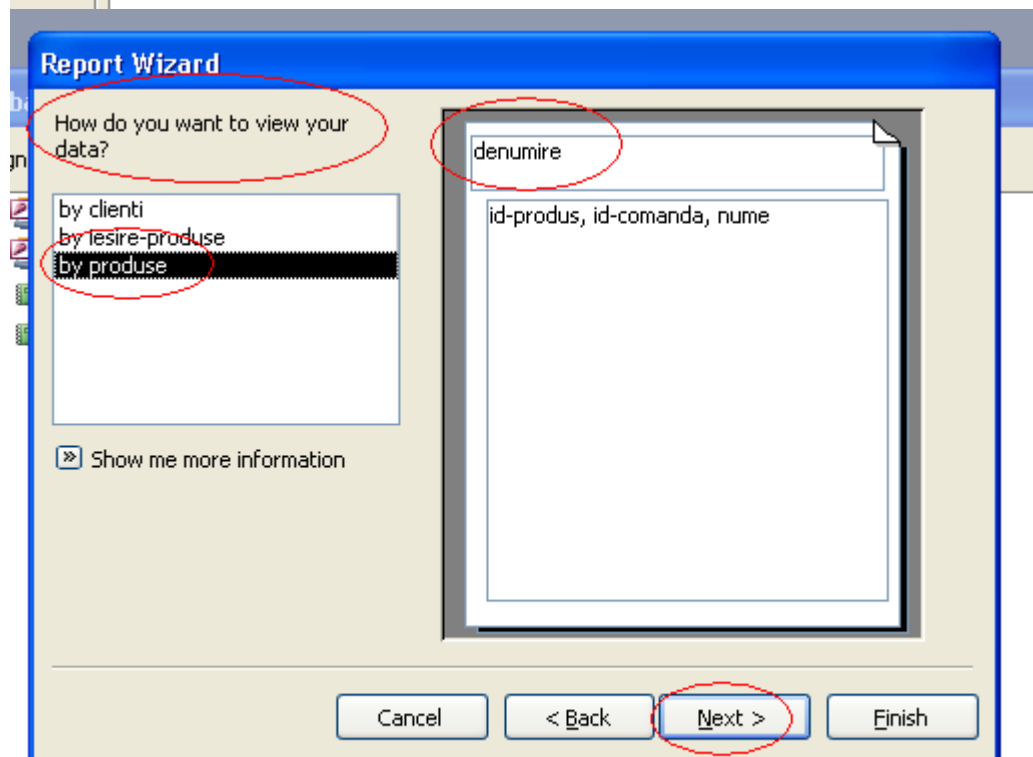
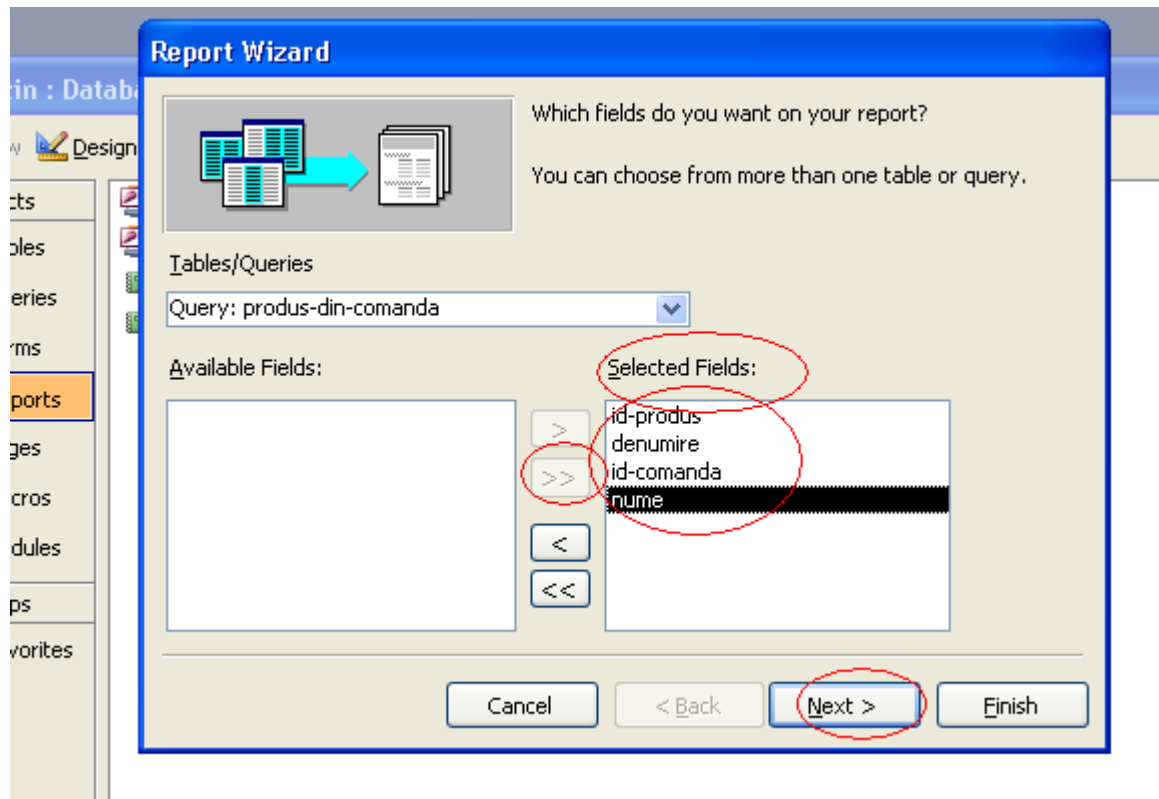
- comenzi-din-perioada
- Stoc-Disponibil

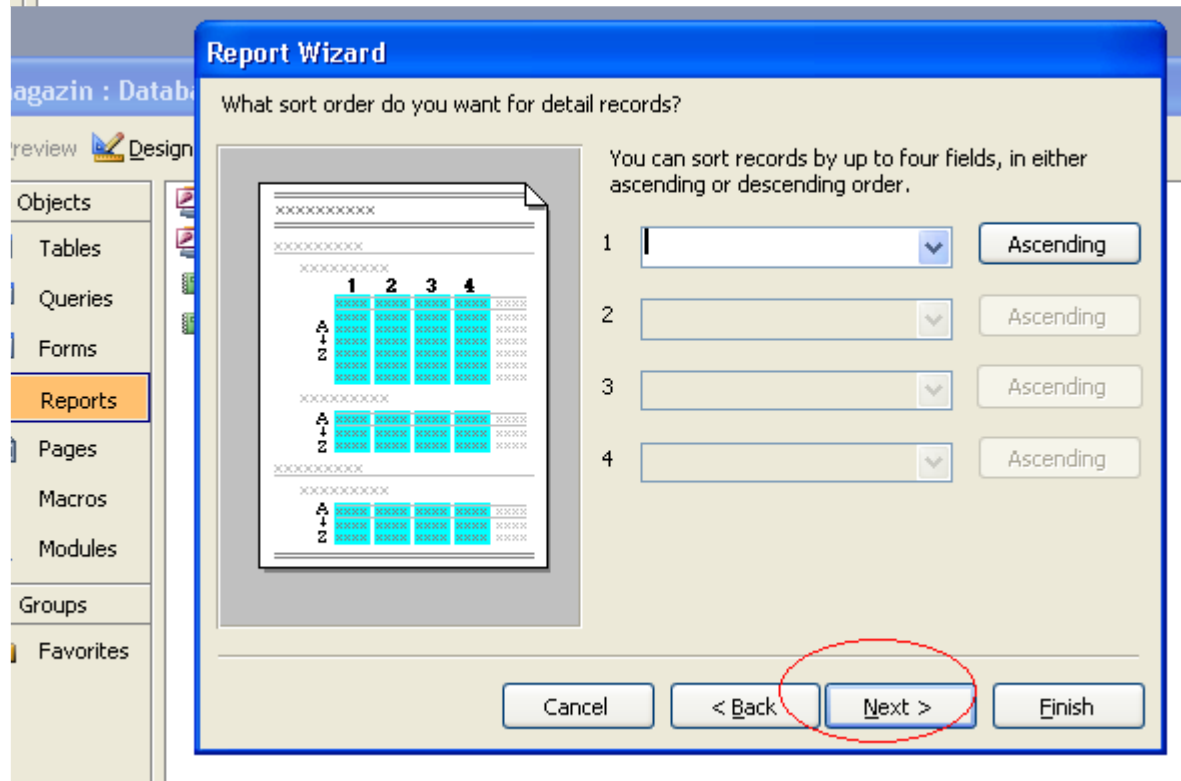
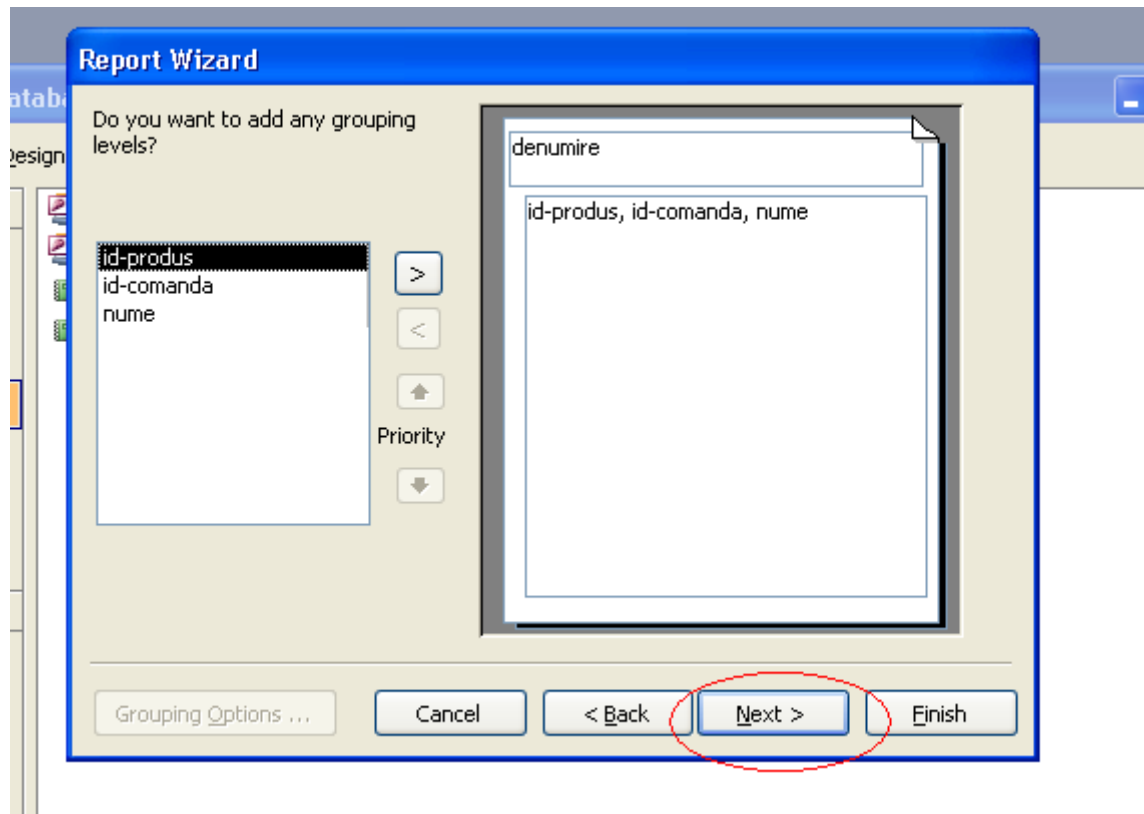


comenzi-din-perioada		
i-comanda	id-produs	denumire
1	3	placa retea
	2	monitor Samsung
	1	monitor Acer
3	3	placa retea
	1	monitor Acer
	2	monitor Samsung

Creați următoarele rapoarte pentru informare:
 _ lista clienților unui anumit produs

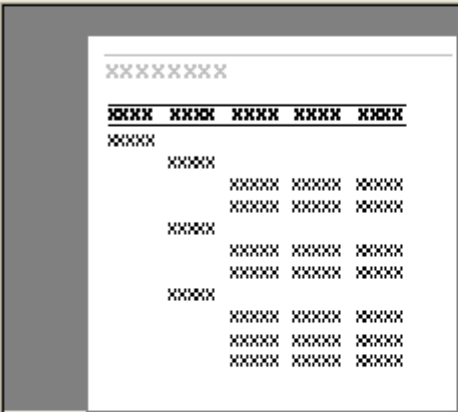






Report Wizard

How would you like to lay out your report?



Layout

☒ Stepped

☐ Block

☐ Outline 1

☐ Outline 2

☐ Align Left 1

☐ Align Left 2

Orientation

☒ Portrait

☐ Landscape

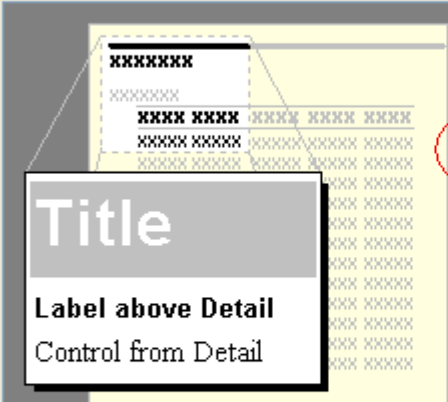


☒ Adjust the field width so all fields fit on a page.

Cancel < Back **Next >** Finish

Report Wizard

What style would you like?



Bold

Casual

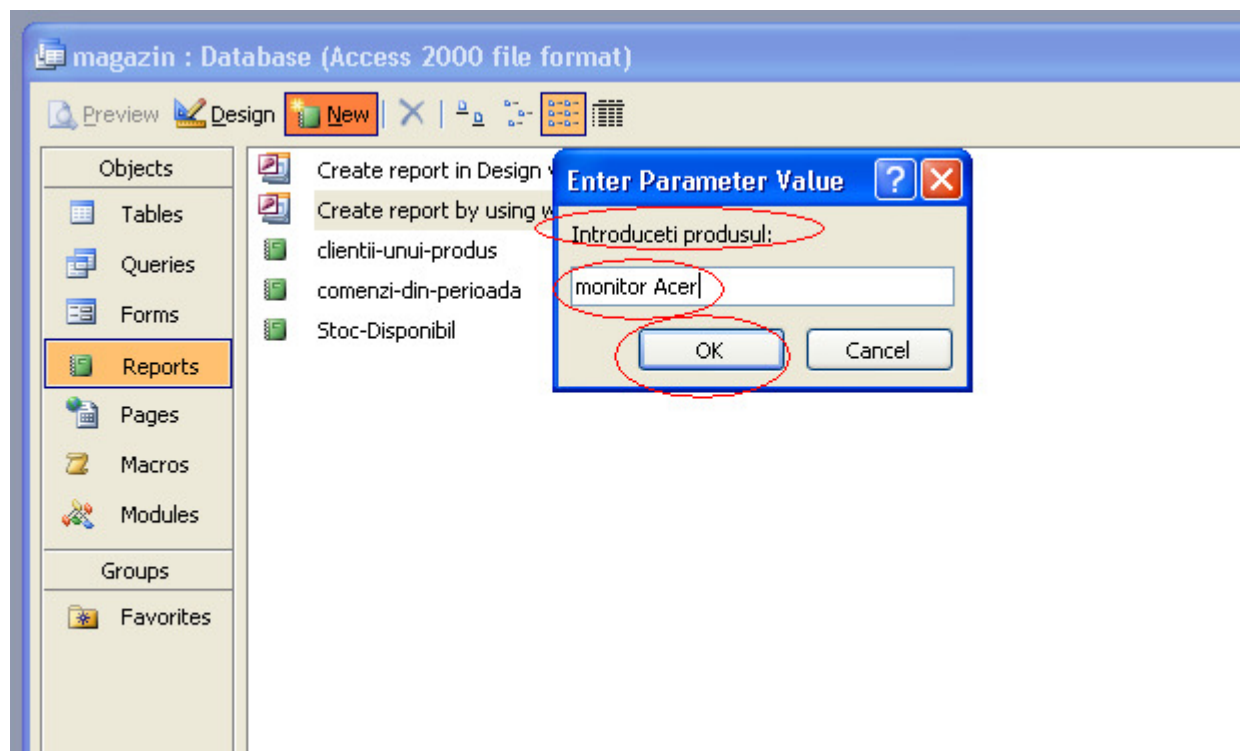
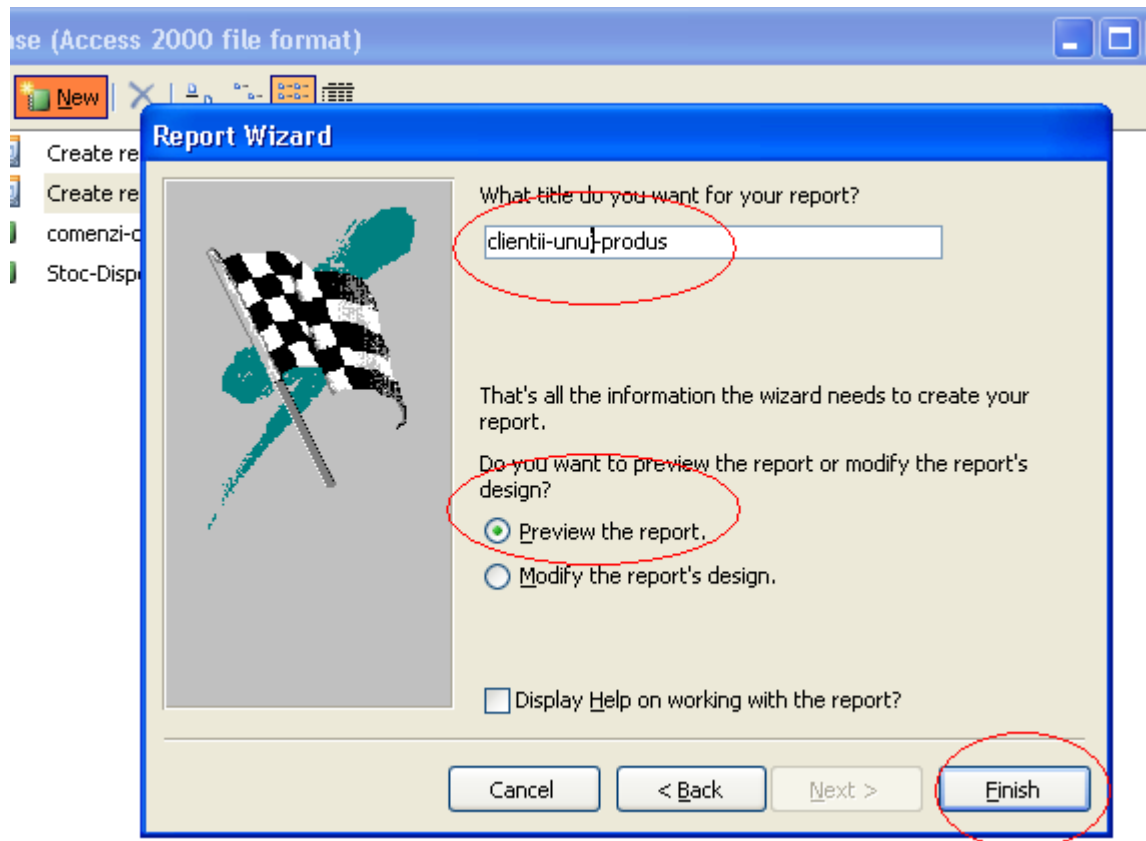
Compact

Corporate

Formal

Soft Gray

Cancel < Back **Next >** Finish



clientii-unui-produs

denumire	id-produs	id-comanda	nume
monitor Acer			
	1	3	Popescu Maria
	1	1	Popescu Maria