

Генериране на запитвания
към базата от данни

1. Същност на заявките.

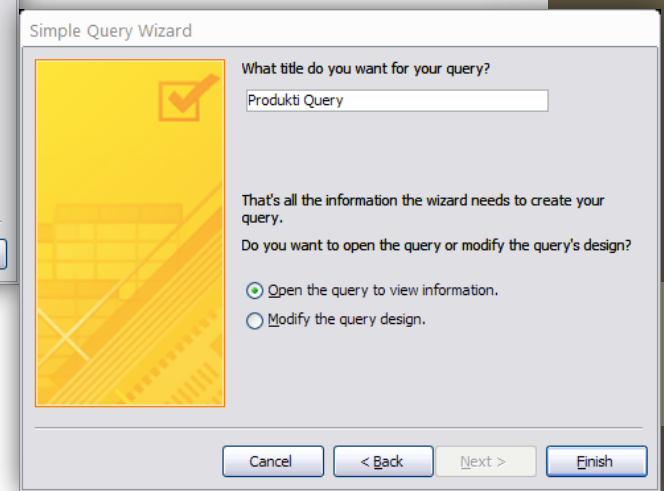
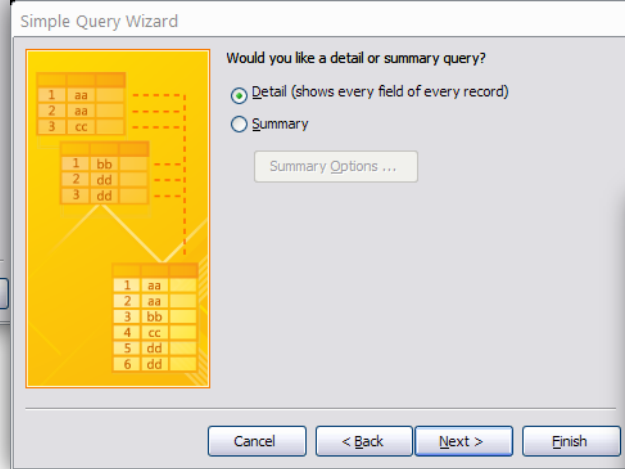
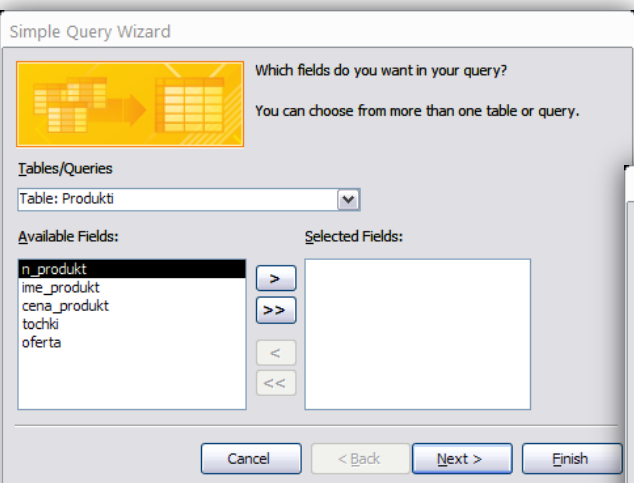
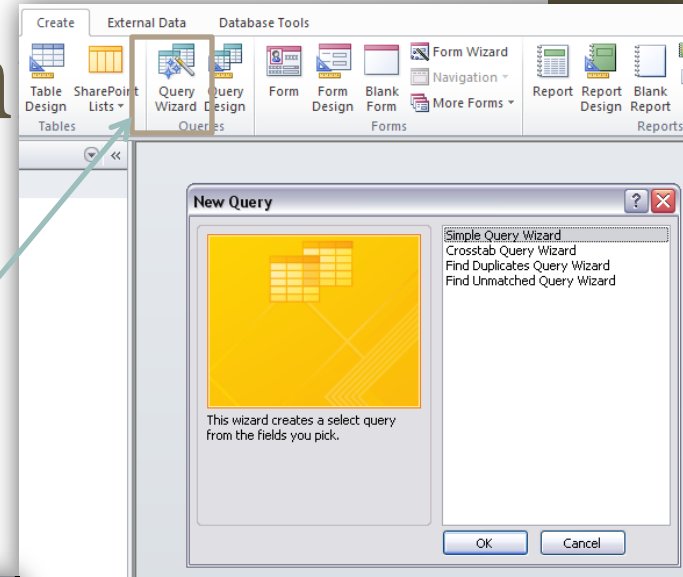
А) Обект Query - служи за извличане на точно определена информация;

Б) Видове заявки:

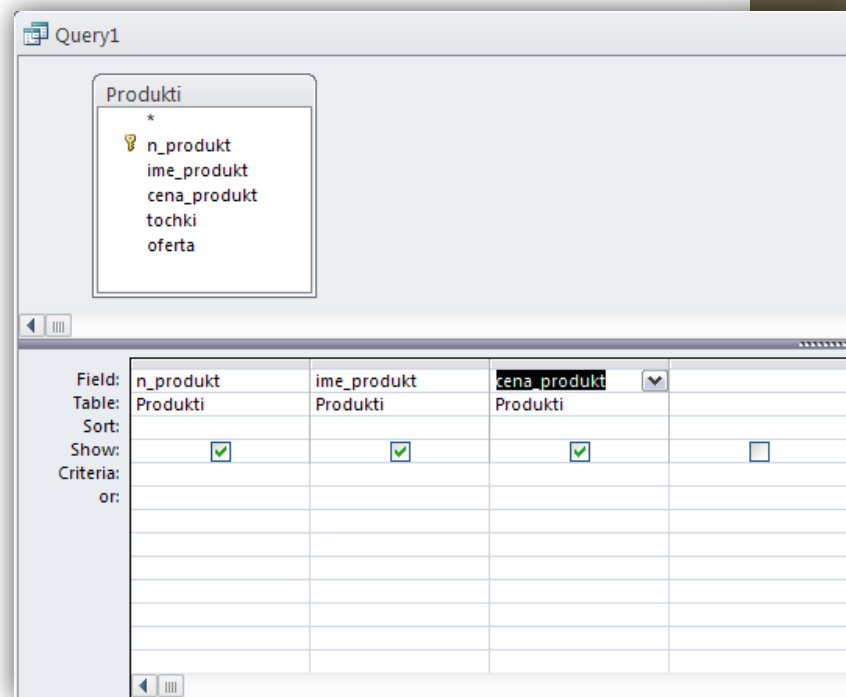
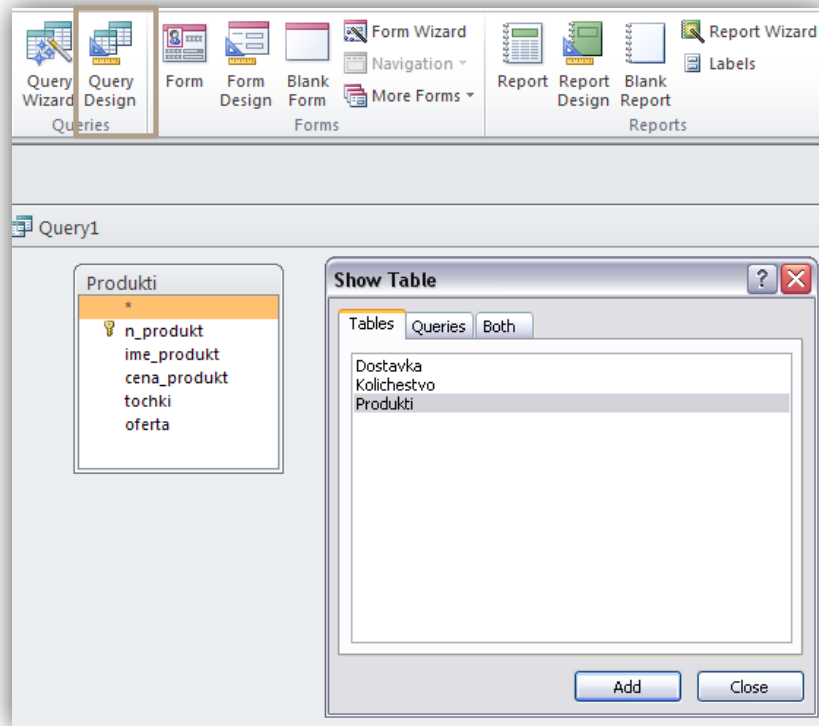
- За извличане на данни – извеждат данни, отговарящи на определен критерий, без да променят таблицата;
- За модифициране на БД – въвеждане на нови записи, коригиране или изтриване;

2. Заявки за извлича

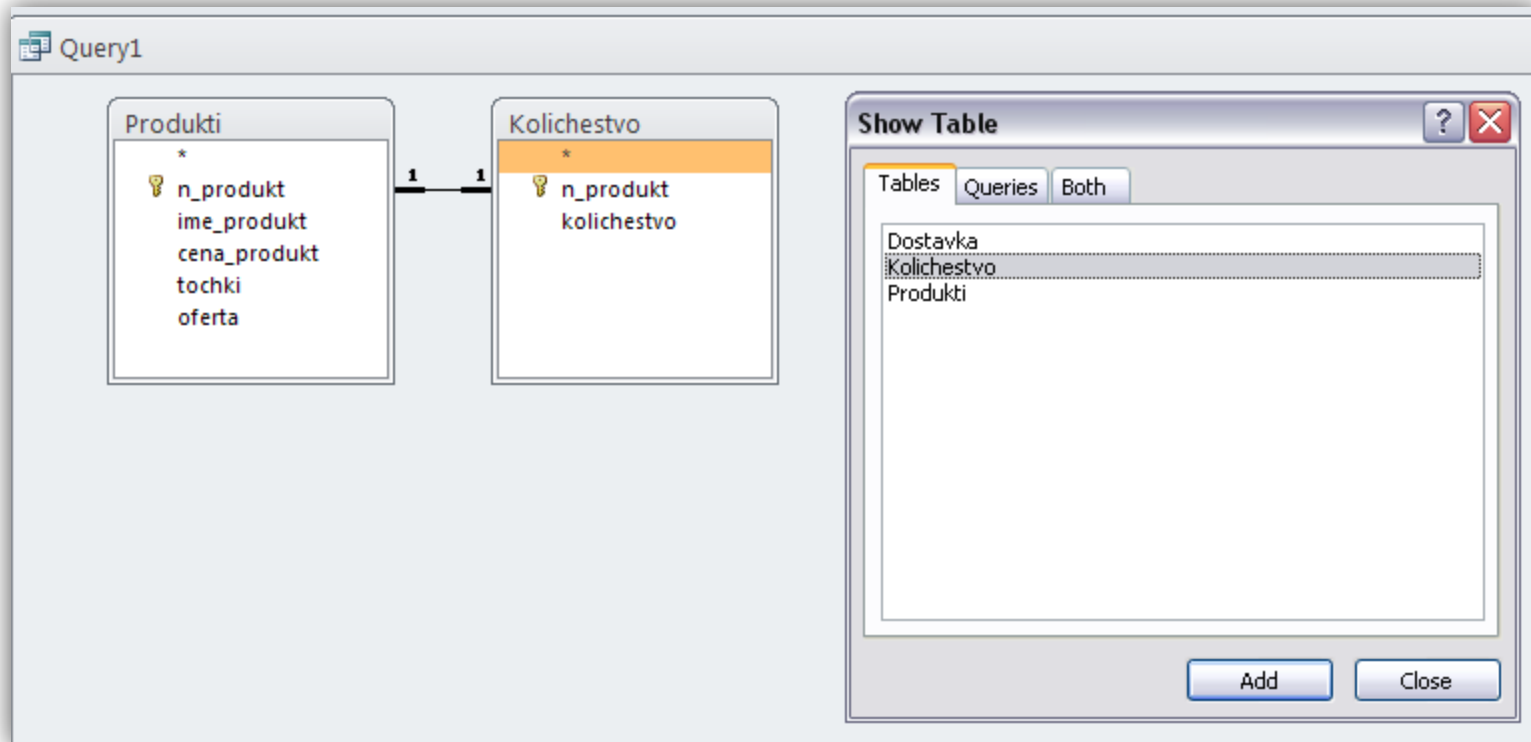
- A) От една таблица:
- Чрез асистента Query Wizard



- Чрез изгледа Design View



Б) От няколко таблици – трябва да има връзки между таблиците - Relationships



В) Заявки с критерии:

- Критерият за точно съвпадение се загражда в кавички;

Пример: “Иван”, “Иван” and “Георги”,

“Иван” or “Марина”, Not “Янко”

- За числови стойности: =25, <10.25, >5.00;

Kolichestvo

n_produkat | kolichestvo | Click to Add

Query2

Produkti

- * n_produkat
- ime_produkat
- cena_produkat
- točki
- oferta

Kolichestvo

- * n_produkat
- kolichestvo

Field:	n_produkat	ime_produkat	kolichestvo
Table:	Produkti	Produkti	Kolichestvo
Sort:			
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:			>14
or:			

All Access Objects

Tables

- Dostavka
- Kolichestvo
- Produkti

Queries

- nad 20
- produkt_koli4estvo

produkt_koli4estvo

n_produkat	ime_produkat	kolichestvo
7002	Talk za tialo M	20
7003	Sprei dezodor...	15

Г) Заявки с изчислителни полета

- Използват се формули; оператор са знаците +, -, *, / и др., както и готови оператори като Sum, Count, Avg, Var
- От меню Design - Totals

The screenshot shows the Microsoft Access interface in Design View for a query named 'Query1'. The ribbon is set to 'Query Tools' > 'Design'. The 'Totals' button, represented by a sigma symbol (Σ), is circled in the ribbon. Below the ribbon, two tables are shown: 'Produkti' and 'Kolichestvo'. 'Produkti' has fields: n_produkт, ime_produkт, cena_produkт, toчки, oferta. 'Kolichestvo' has fields: n_produkт, kolichestvo. A 1:1 relationship is shown between the two tables. At the bottom, the design grid is visible:

	ime_produkт	cena_produkт	kolichestvo	Общо: [cena_produkт]*[kolichestvo]	
Field:	ime_produkт	cena_produkт	kolichestvo	Общо: [cena_produkт]*[kolichestvo]	
Table:	Produkti	Produkti	Kolichestvo		
Total:	Group By	Group By	Group By	Group By	▼
Sort:					
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Criteria:					
or:					

File Home Create External Data Database Tools

View Paste Copy Format Painter Filter Sort & Filter Records

Views Clipboard

Ascending Descending Remove Sort Selection Advanced Toggle Filter

New Save Delete More

Totals Spelling

All Access Objects

Tables

- Dostavka
- Kolichestvo
- Produkti

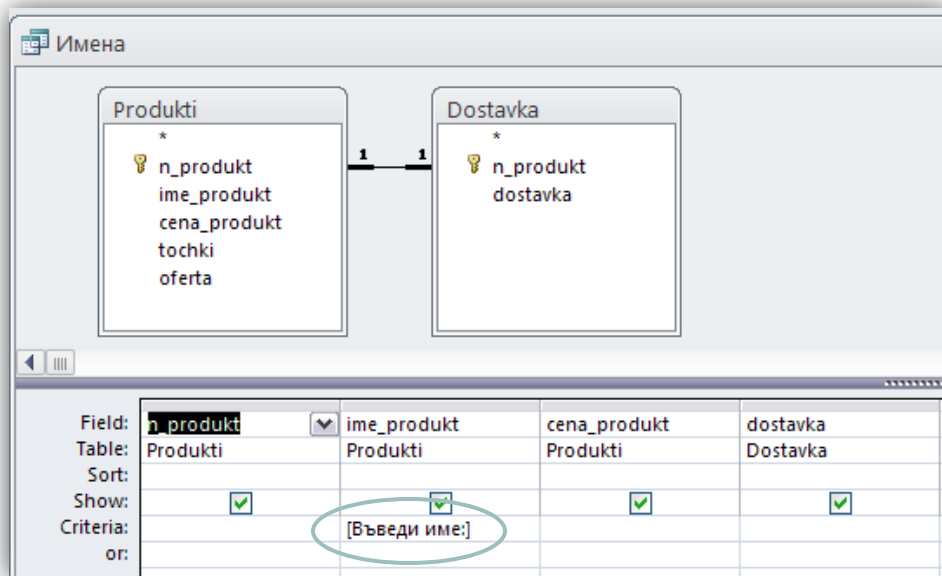
Queries

- nad 20
- Obshto
- produkt_koli4estvo

Obshto

ime_produk	cena_produ	kolichestvo	Общо
Sapun Nivea	7,50 лв	3	22,50 лв
Sprei dezodora	8,60 лв	15	129,00 лв
Talk za tialo M	5,40 лв	20	108,00 лв
Toaletna voda	29,90 лв	3	89,70 лв

- Д) заявки с параметри – критерият се задава в диалогов прозорец;
- В реда Criteria в квадратни скоби се записва въпросът



Enter Parameter Value

Въведи име:

Sapun Nivea

OK Cancel

File Home Create External Data Database Tools

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Ascending Descending Remove Sort Selection Advanced Toggle Filter

New Save Delete More

Totals Spelling

All Access Objects

Tables

- Dostavka
- Kolichestvo
- Produkti

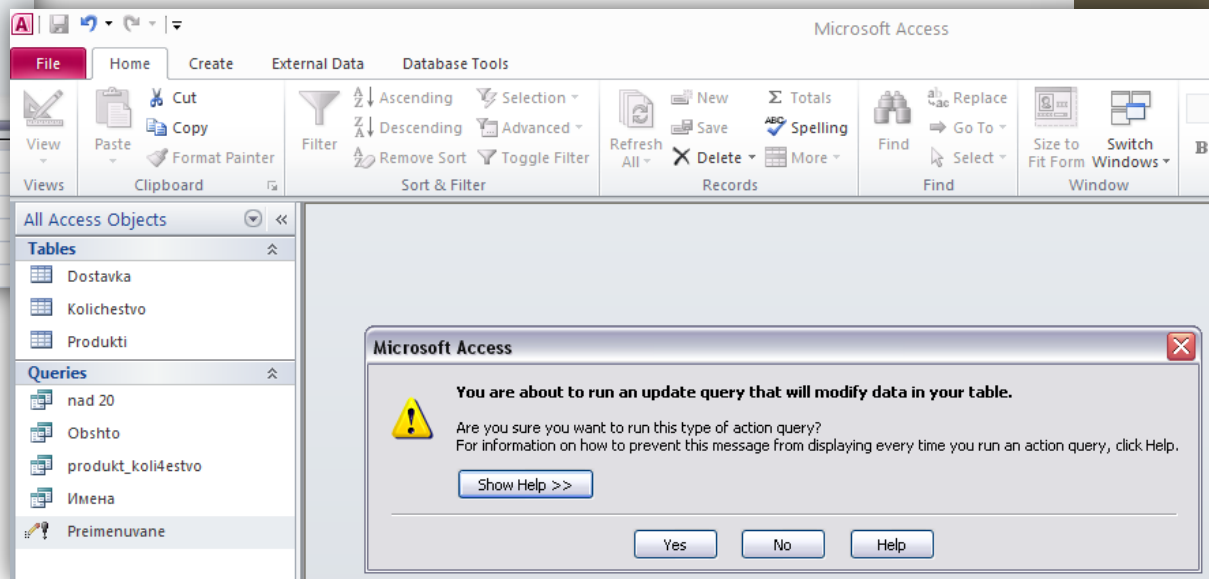
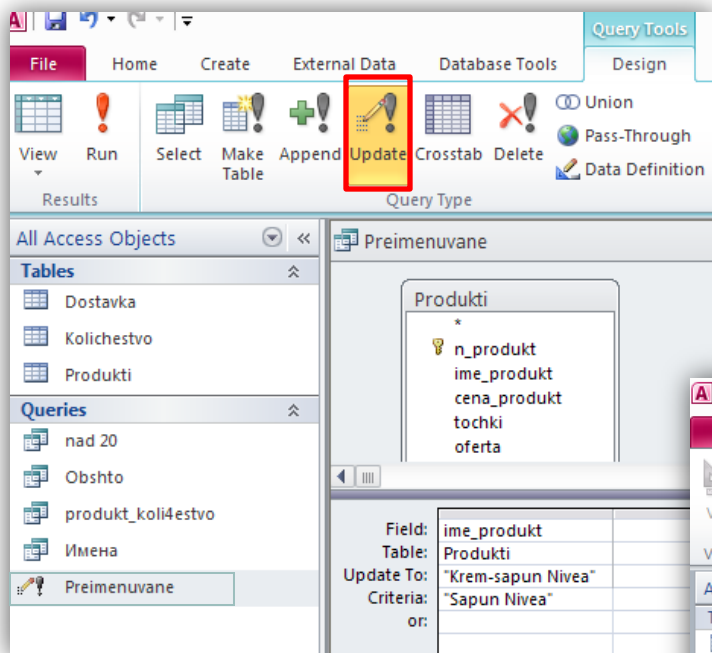
Queries

- nad 20
- Obshto
- produkt_koli4estvo
- Имена

n_produk	ime_produk	cena_produ	dostavka
7008	Sapun Nivea	7,50 лв	<input checked="" type="checkbox"/>
*			<input type="checkbox"/>

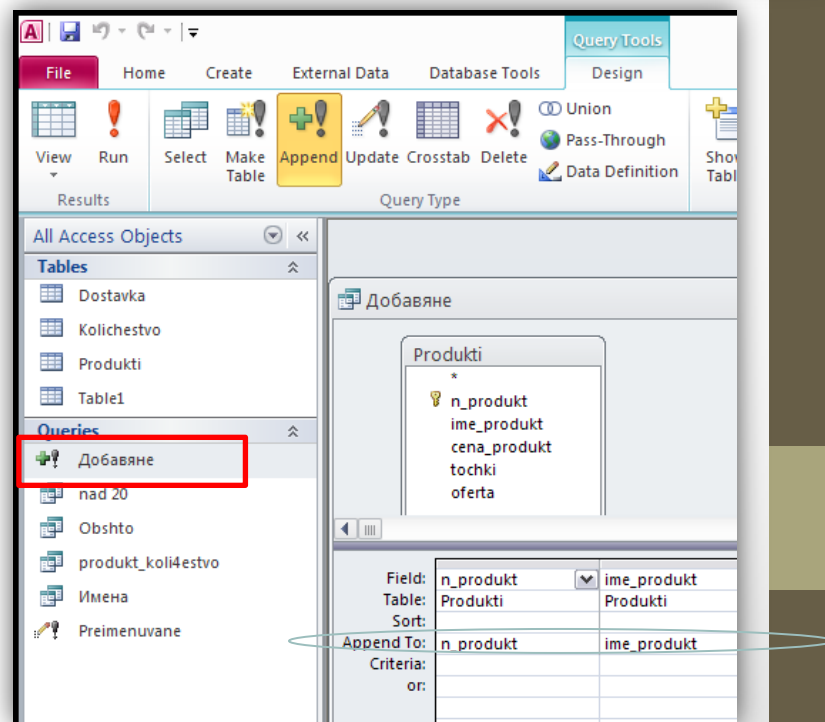
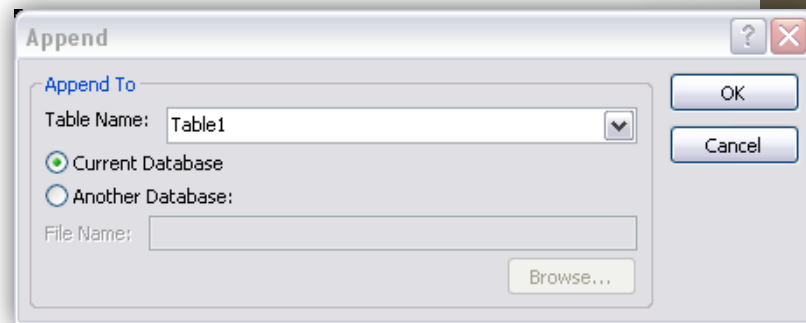
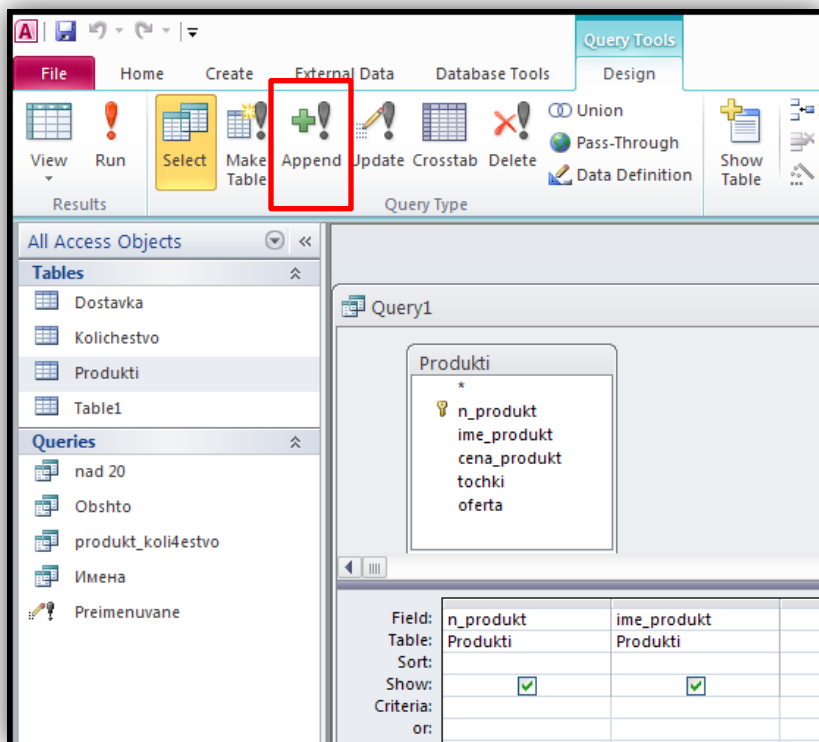
3. Заявки за модифициране на БД

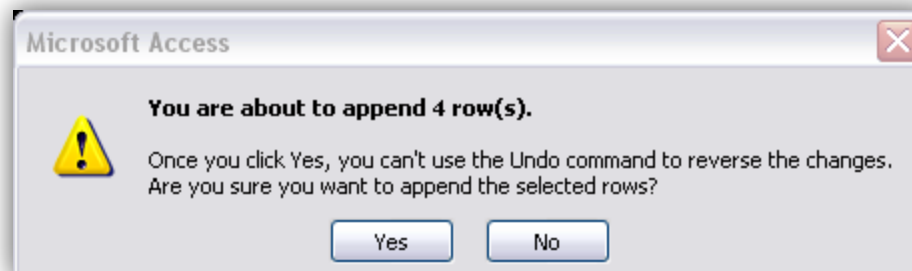
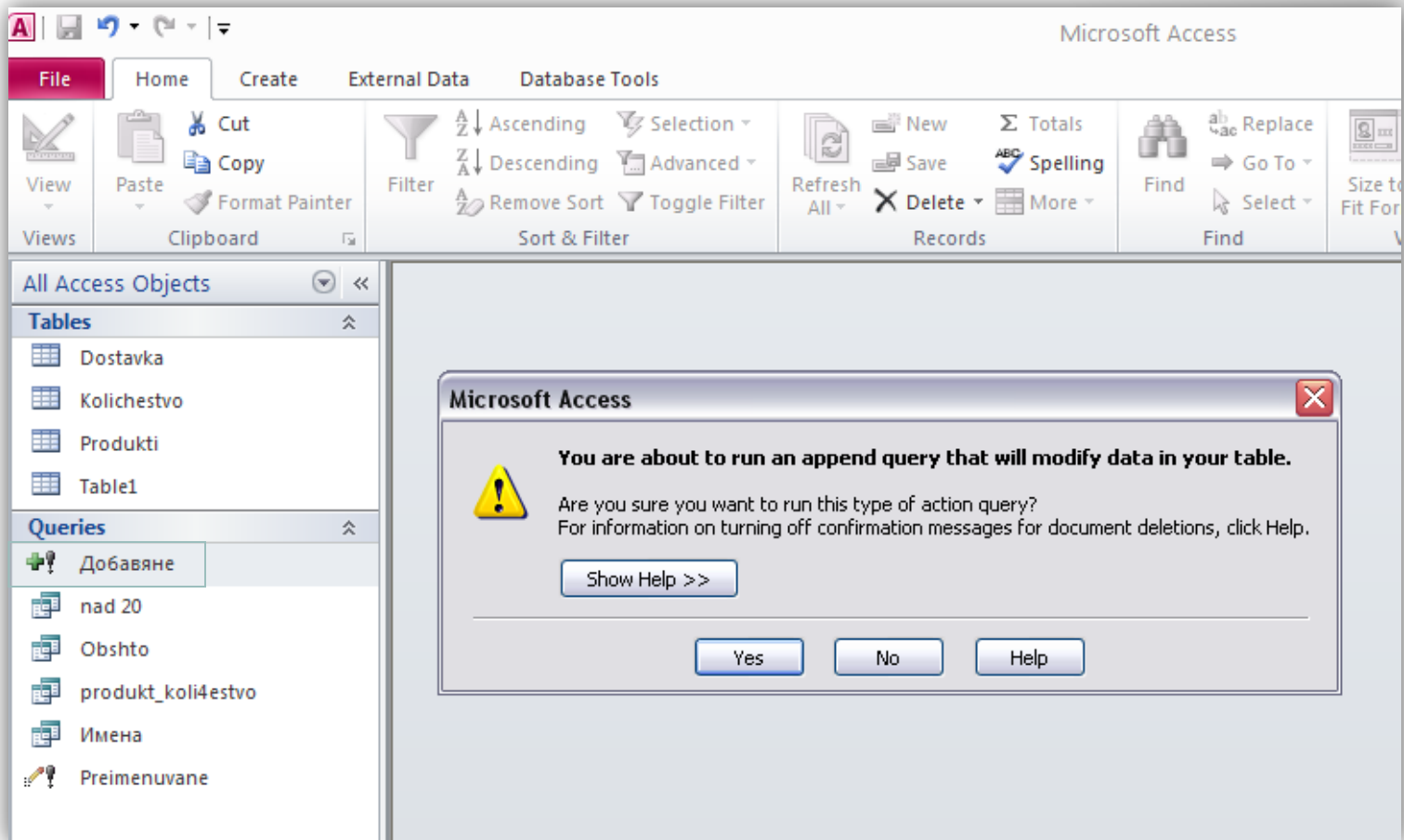
А) заявки за обновяване - update



Б) заявки за добавяне – append

- Необходими са две таблици – една, откъдето ще вземате записи, и друга, където ще ги добавяте





B) заявки за изтриване - delete

The screenshot shows the Microsoft Access interface with the Query Tools ribbon selected. The 'Delete' button in the Query Type group is highlighted. The 'All Access Objects' pane on the left shows the 'Queries' section with 'Преименуване' selected. The main window displays the design view for 'Query1', which is based on the 'Produkti' table. The design grid below shows the fields and criteria for the delete query.

Field:	n_produkt	ime_produkt	cena_produkt	tochki	oferta
Table:	Produkti	Produkti	Produkti	Produkti	Produkti
Delete:	Where	Where	Where	Where	Where
Criteria:				=3	
or:					

