

Simple Search

Field: Members Surname Members Forename Town/Village Telephone Number
 Table: Slimming World Slimming World Slimming World Slimming World
 Sort:
 Show:
 Criteria: Ystrad Mynach
 or:

This is what I entered for my Simple Search, I wanted to find all of the people who actually live in Ystrad Mynach and their telephone numbers. This would be useful if my mother needed help with her class, she would know who lived closest and so who to call.

Query1 : Select Query

| | Members Surname | Members Forename | Town/Village | Telephone Number |
|---|-----------------|------------------|---------------|------------------|
| | Thomas | Barbara | Ystrad Mynach | (01443) 883324 |
| ▶ | Oliver | Christine | Ystrad Mynach | (01443) 847125 |
| | Boulton | Julie | Ystrad Mynach | (01495) 879245 |
| | Edwards | Jane | Ystrad Mynach | (01443) 840825 |
| | Brimfield | Kay | Ystrad Mynach | (01443) 852369 |
| | Gougerty | Mellisa | Ystrad Mynach | (01443) 869222 |
| | Smith | Tom | Ystrad Mynach | (01443) 841555 |
| | Freeman | Susanne | Ystrad Mynach | (01443) 875992 |
| | Wilkins | Tanya | Ystrad Mynach | (01443) 879996 |
| | Thomas | Pat | Ystrad Mynach | (01443) 875997 |
| | Brown | Jill | Ystrad Mynach | (01443) 832649 |
| * | | | | |

Xenos Games

Simple Searches.

While testing the database, I noticed that some searches were continually repeated. In order to solve this problem, I have added two new buttons to the database that will run these queries automatically.

1. The first button is the surname search. This query was needed because some members have lost their membership cards, and must therefore give details of their account in order to rent games.

Here is the design for "Search - surname."

| Field | Membership Number | Surname | First Name | Date of Birth | Gender | Address 1 | Address 2 |
|-----------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Table: | Data Table | Data Table | Data Table | Data Table | Data Table | Data Table | Data Table |
| Sort: | | | | | | | |
| Show: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Criteria: | | [Please type surname] | | | | | |
| or: | | | | | | | |

In the row "Field" I have entered all of the fields in the database. This is so that I can view all of the information on that member and can therefore justify if it is really their account.

In the field "Surname" I have entered the criteria "[Please type surname]." This will bring up the following box. If you enter a certain surname then a list of all that member's details will appear.

Example.

I have entered the surname "Davies" into the search box as shown.

Now click on "OK."

The following results appeared:

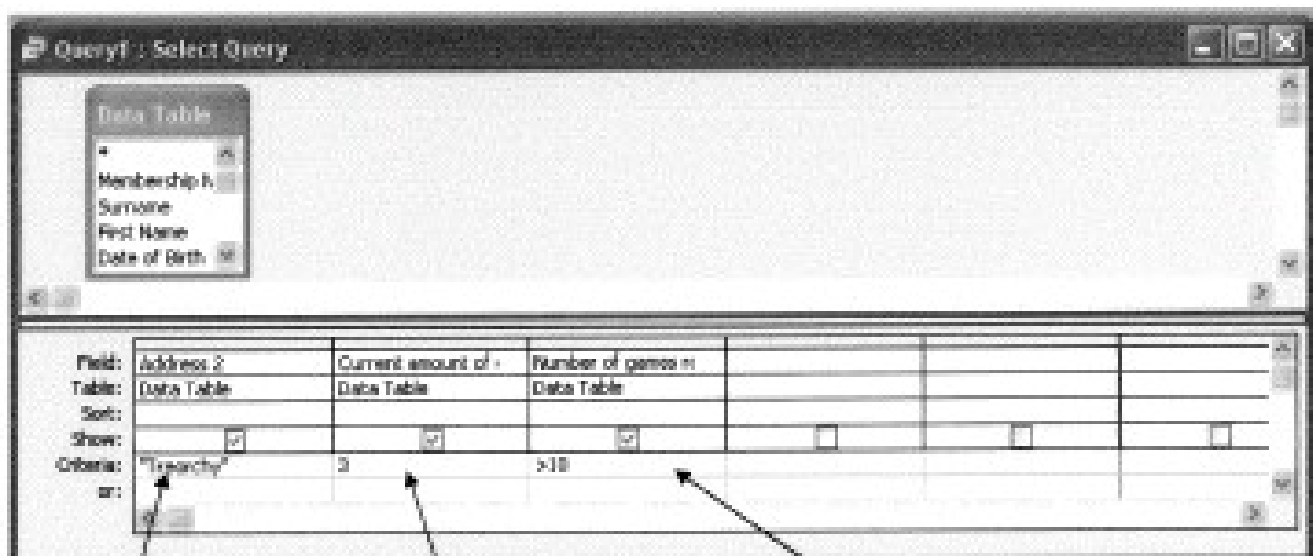
| Membership No | Surname | First Name | Date of Birth | Gender | Address 1 | Address 2 | County |
|---------------|---------|------------|---------------|--------|---------------|-----------|------------------|
| 112 | Davies | Ben | 27/08/1989 | Male | 8 Barrow Lane | Treorchy | Rhondda cynon CF |
| 108 | Davies | Janine | 29/04/1989 | Female | 4 Lowdown Cl | Treorchy | Rhondda cynon CF |
| 0 | | | | | | | |

The members can then answer questions in order to determine which file is theirs (e.g. What is your address?) In this case, the member is either male or female, which will make it obvious which file is theirs. The questioning will still be used to determine if they are telling the truth.

Complex queries

1. In order to find out how popular the shop is in the nearby area, I will try to find out how many members from Treorchy have rented out a total of over 10 games and currently have 3.

In order to answer this, I have created the following query:



Since I only want the members from Treorchy, I have entered "Treorchy" as the criteria for the field "Address 2."

The members must currently be renting 3 games, so I have entered the number 3 as the criteria for "Current amount of games rented."

I also only want members who have rented a total of over 10 games, so I have entered ">10" as the criteria for the field "Number of games rented out (total)."

Here are the results for Query 3:

| Address 2 | Current amount of games rented | Number of games rented (total) |
|-----------|--------------------------------|--------------------------------|
| Treorchy | 3 | 13 |
| Treorchy | 3 | 12 |

I now know that two members in this area have rented out over ten games and currently have over three. This is good, since I know that no members from Treherbert have rented out as many games as this, and it shows that the shop is having a strong influence over the local youths.