

Murder on a mountain

Assignment 2

- Open the 'Murder Mountain' database in Access.
- Click on the 'Whodunnit' icon in the Table area.
- Click on Open. Maximise if necessary.

The database is called a table in Access.

Before you can help the Oregon police you are going to need to learn how to search the database. This is done using the filter facility under Records. Follow the instructions below so that you can learn how to search the database.

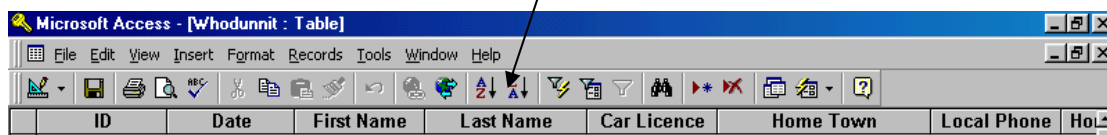
Using the scroll bars look at all the data on the table. Each record shows:

- A unique Id number for each record
- The date the suspect arrived in Oregon
- Each person's first and last name
- Personal details including the car licence plate number, home town (note they are all American!) and 'phone numbers
- The departure and return time that each individual was away from the hotel
- Each person's hair colour and boot size
- The time they went climbing on the mountain

There are 75 records.

Sorting

Alphabetical sorting buttons



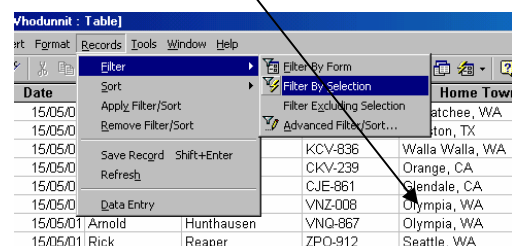
- Using the alphabetical sorting buttons sort the last name field into alphabetical order. Choose the Last Name field first and then click on the sort button.

- Try this on the First name field. Note that all the details for each record move as the database is sorted.
- Sort on the date field in descending order and ascending order.

Using filters

A filter selects records in the database according to the criteria you set.

- Click in any Home Town field containing: **Olympia, WA**.
- Click on Records - Filter - Filter by Selection (or use the toolbar!).



You should only be able to see **5 suspects records**. These are all the records of people who have Olympia, WA as a hometown.

- Click on Records - Remove Filter/Sort to return to the whole database.
- Using this method of filtering the data find:
 - All the people who departed the hotel at 10:50:00
 - All the people with hair that is blonde
 - All the people with boot size 9.5
 Remember to remove the filter each time.

It is possible to use a filter on a filter!

- Find all the people with red hair.
- Without removing the filter find all the people called Ruth (First name).
- You should have only **3 people** in your table.

Remove the filters.