

# Data Representation

## Learning

- ☞ To understand how information in a database is organised
- ☞ To understand the advantages of a computer based database over a paper one
- ☞ To find and enter information to create additional records in a database
- ☞ To demonstrate the knowledge skills and understanding they have learned during this unit

## Key Vocabulary

<b>Field</b>	A single piece of information in a record
<b>Record</b>	A set of fields
<b>Data</b>	Different types of information (e.g. pictures, words, numbers)
<b>Database</b>	Stored information that is organised in records
<b>Search</b>	Using a database to find records
<b>Sort</b>	Sorting database records into an order

# Data Representation

## Examples

Resort Name

Country

Average Temperature

Price

Weather

Activities

Field	Condition	Value	AND/ OR
Country	equals	Egypt	or

OK

Records

Resort Name

Country

Average Temperature

Price £

Weather

Activities

find all

Found Records 2

Current Record 1

Activities

is the same as

cancel ok

## Key Questions

How many records did your search find?

Which field contains information about this?



What are the advantages of a computerised database?

E.g. Speed, accuracy

Can you think of a question that you could use your database to answer?



How are these records sorted?

E.g. smallest to biggest