## Computing

## Lesson 2: Computer Databases

Flat-file Databases

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## Task 1 - Sorting to answer questions

1. Open the mini beasts database from: oaknat.uk/comp-d52-1
2. Click in the table tab
3. Click on the column headings to sort the data from highest to lowest. Click a heading again to sort the data from lowest to highest.
4. Sort the data to help you answer the questions on the next page.


## Task 1 - Sorting to answer questions

- Which mini beast has the most legs?
- Which mini beasts have the fewest legs?
- Which mini beast is at the beginning of the alphabet?
- Which mini beast is at the end of the alphabet?



## Task 2 - Sorting in different views

1. Open the countries database:
2. oaknat.uk/comp-d52-2
3. Choose a view and sort the data to answer the questions on the next page.
4. Think of two more questions you could answer by sorting the data.


## Task 2 - Sorting in different views

Write down answers to the questions below. Also note which field you used to answer each question.

1. Which country has the smallest population?

2. Which country covers the largest land area?
3. Which currency is last alphabetically?

Think of two more questions you could answer by sorting the data.


## Task 3 - Records and fields

Look at these two database views and identify which parts are records and which parts are fields.



Can you think of another field that could be added to this database?

## Task 4 - Compare paper vs computer

Think of advantages and limitations.


