# Sorting Worksheet

## Bubble Sort

Your task is to complete the next two complete passes using a bubble sort on the following list. The first complete pass has been completed for you.

Friends = [“Rob”,”Anish”,”Emma”,”George”,”Jude”,”Theo”]

## Pass 1

* [“Rob”,”Anish”,”Emma”,”George”,”Jude”,”Theo”]
* [“Anish”,”Rob”,”Emma”,”George”,”Jude”,”Theo”]
* [“Anish”,”Emma”,”Rob”,”George”,”Jude”,”Theo”]
* [“Anish”,”Emma”,”George”,”Rob”,”Jude”,”Theo”]
* [“Anish”,”Emma”,”George”,”Jude”,”Rob”,”Theo”]

## Pass 2

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## Pass 3

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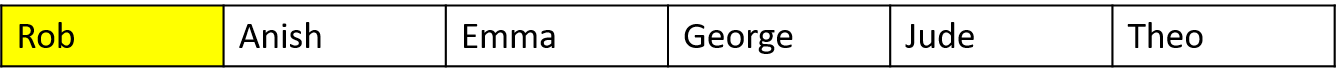
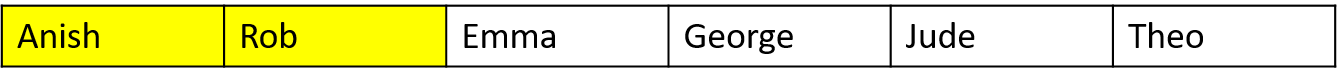
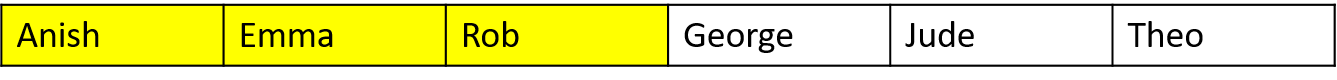
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## Insertion Sort

You should now carry out a complete Insertion sort on the list. The first three stages have been completed for you.

* Step 1:
* Step 2:
* Step 3:
* Step 4

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* Step 5

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* Step 6

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## Activity 3

You should now write you own list and perform a bubble sort and insertion sort on the list. Remember to show the list at each stage in the process.