Programming Concepts Simplified

Simple Sequence

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Simple Sequence

Stand

⬇

Wave

⬇

Bow

⬇

Sit

One thing at a time in an order

Simple Sequence

Stand

⬇

Wave

⬇

Bow

⬇

Sit

Arrows show the order the algorithm takes

Simple Sequence

Stand

Wave

Bow

Sit

Act it out

Simple Sequence

Stand
Wave
Bow
Sit

We all waved differently

Simple Sequence

Stand
Wave once slowly
Bow
Sit

Act it out

Simple Sequence

Stand
Wave once slowly
Bow
Sit

What was different?

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Simple Sequence

Stand
Wave once slowly
Bow
Sit

What was different?

More detail telling us how to wave

Simple Sequence

Stand
Wave once slowly
Bow
Sit

Algorithms are easier to follow if they are precise with more detail

Simple Sequence

Stand
Wave once slowly
Bow
Sit

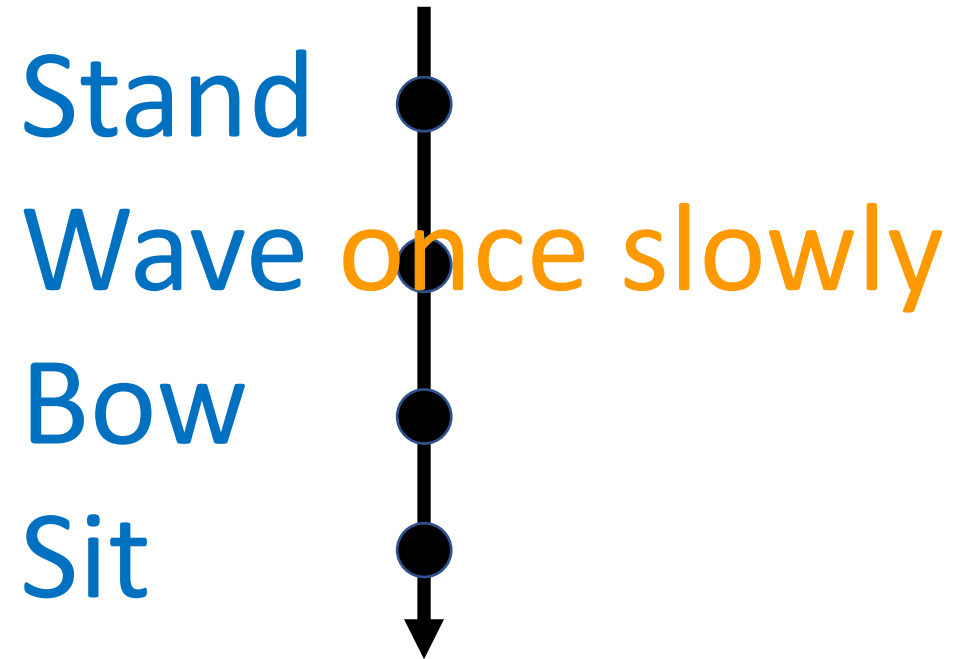Now write your own and act it out with a partner

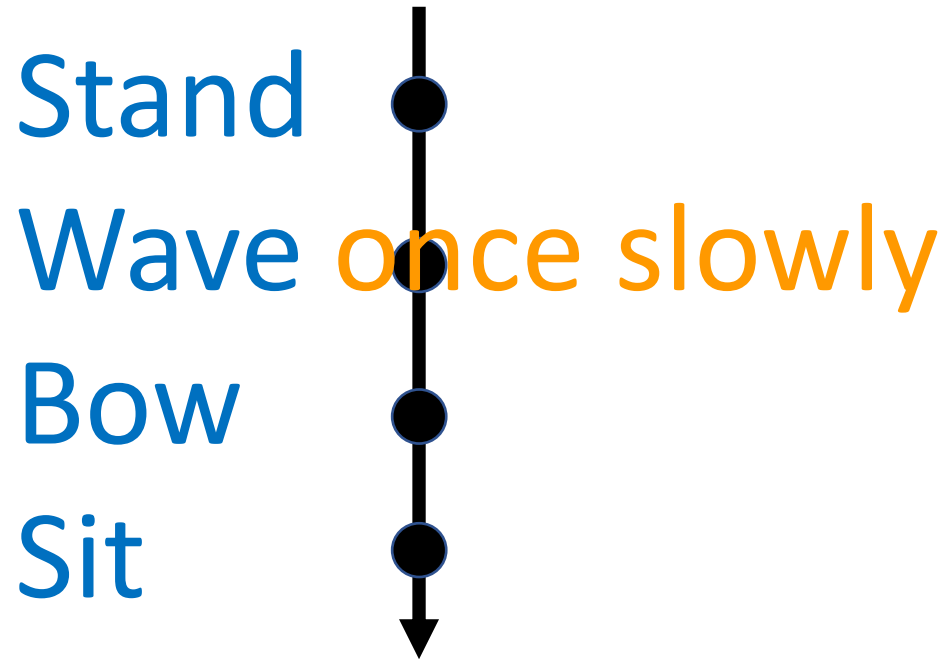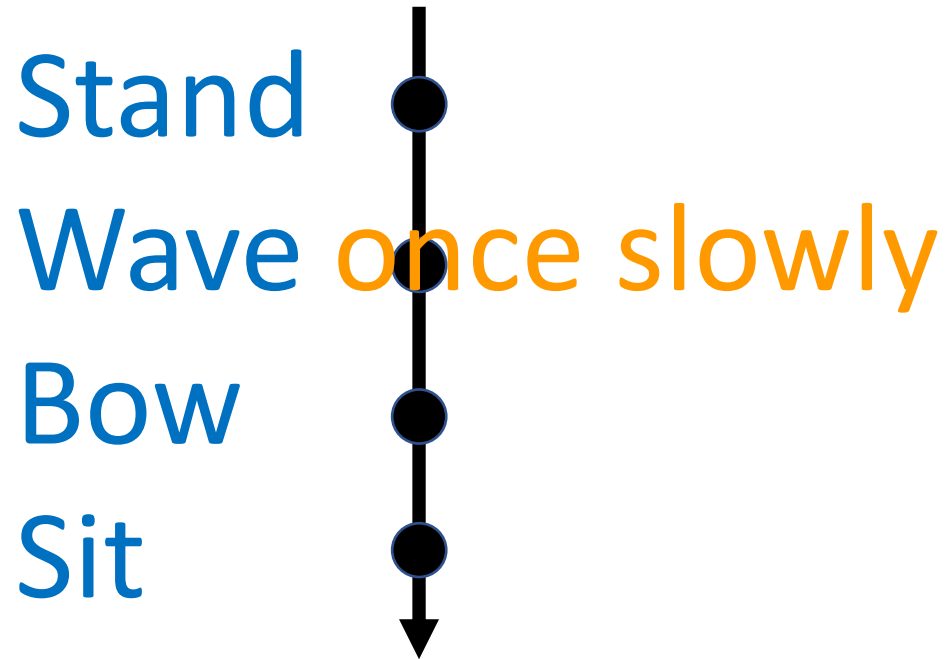Can you make it precise?

Simple Sequence

Stand
Wave once slowly
Bow
Sit

This is the flow of control, the order the algorithm takes

Simple Sequence

Stand

Wave once slowly

Bow

Sit

Dots show actions

Simple Sequence

Stand
Wave once slowly
Bow
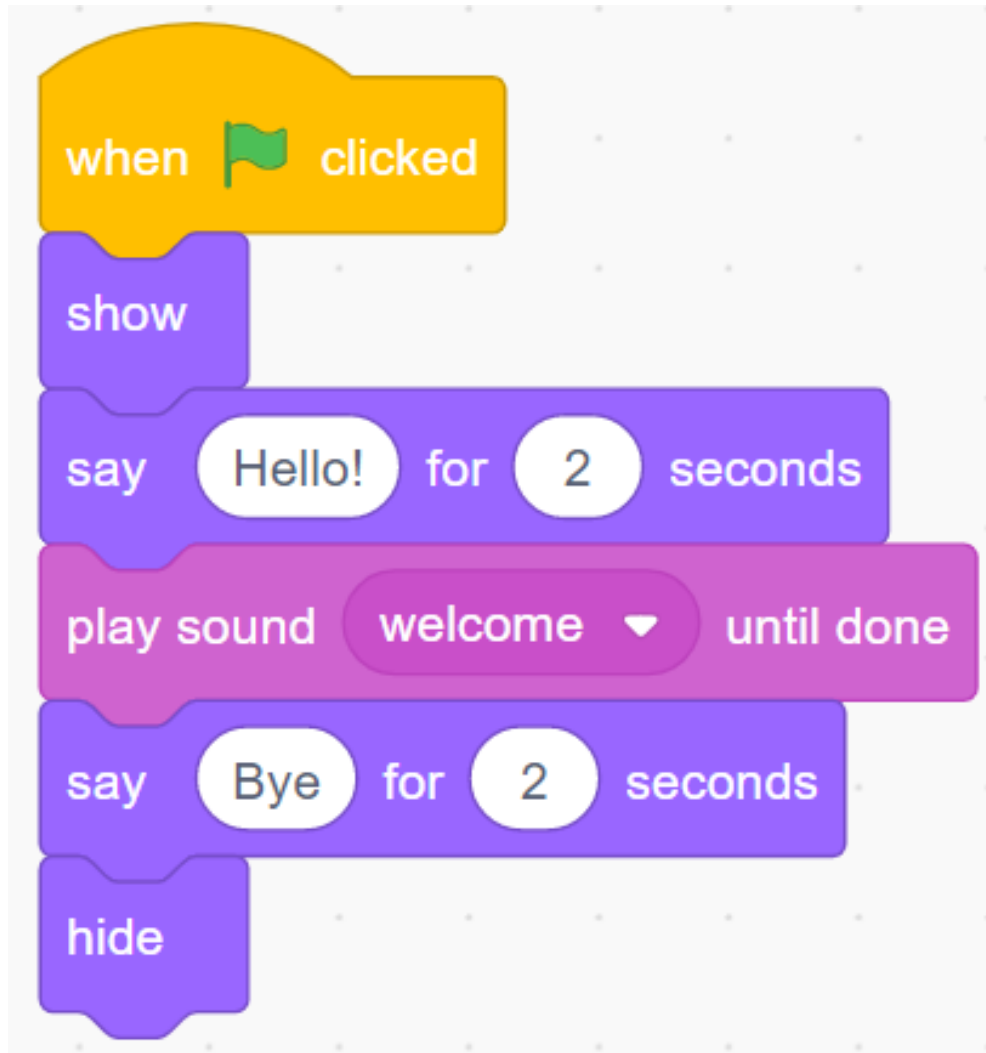Sit

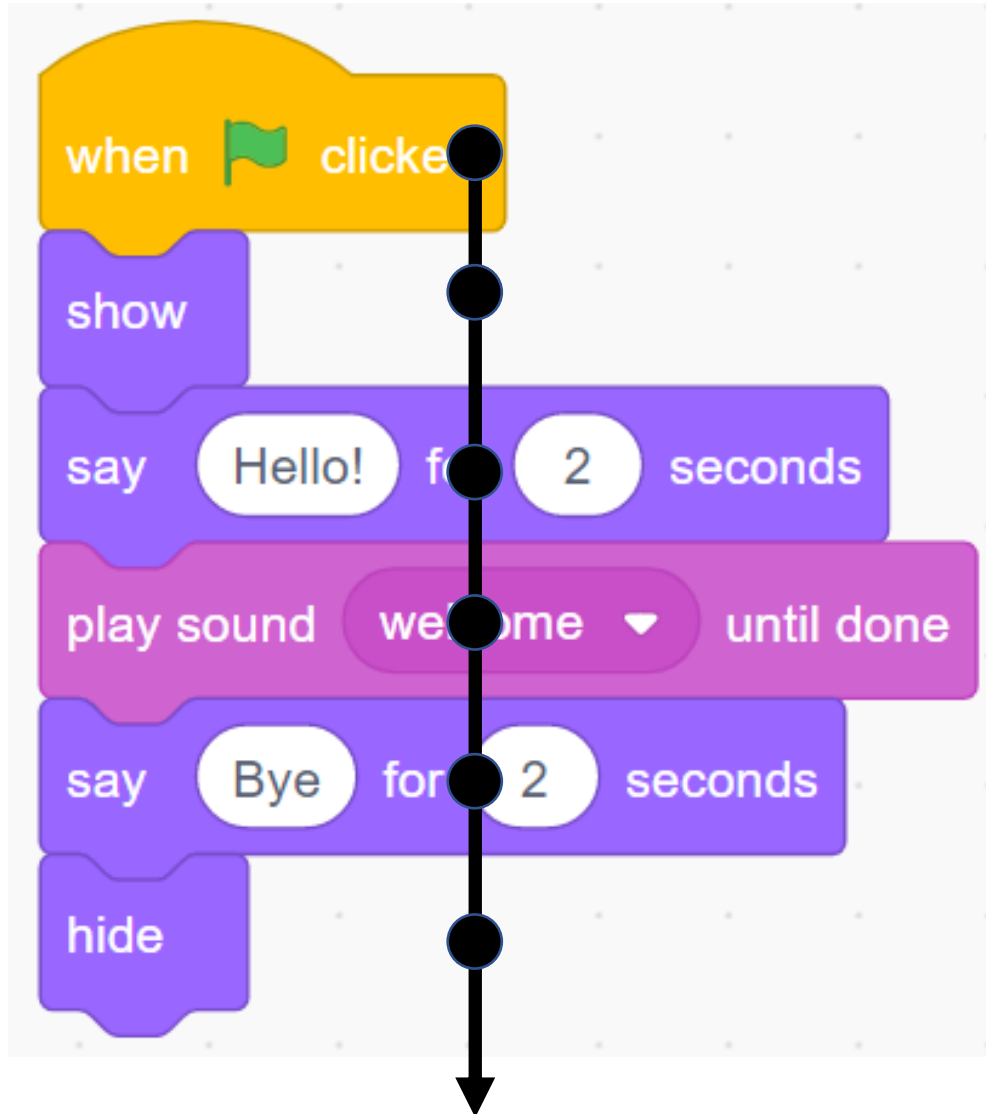Draw a flow of control next to your algorithm

Simple Sequence

Simple sequence in Scratch code

Simple Sequence

Simple sequence in Scratch code with flow of control

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https://computing.hias.hants.gov.uk/course/view.php?id=51