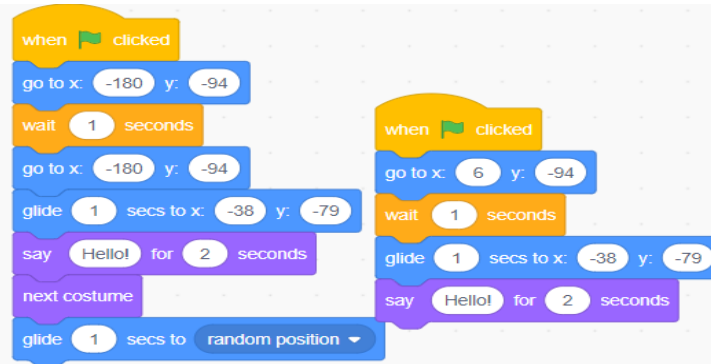




Key Vocabulary

Keyword	Definition
algorithm	A list set of instructions which is used to solve problems or perform tasks.
control	To manage, organize or run something on a computer.
execute	To run or start a program on a computer.
instructions	A direct order or information on how something should be done.
loop	A sequence of instructions/actions which are repeated until a condition is met.
repeat	To do the same action again.
run	To start or launch a program.
selection	A section of code which is run only when a condition is met.
sequence	The order in which instructions/statements are executed.

When debugging sequences, deconstruct the code into smaller parts to make it easier to identify the problem/area to improve.



Use these tabs to help sense changes and begin actions.

	This block determines the outcome of a condition.
	This block detects if a sprite is touching a specific colour.
	This block changes the backdrop to one from the drop-down menu.

Where can the green flag be found?

What will happen if you click the red octagon?

What does deconstruct mean?

What will happen if the code's sequence is incorrect?

What Is an Algorithm?

Algorithms on a computer are exactly the same as everyday **algorithms**. They are a set of **sequenced** instructions or rules for solving a problem or completing a task in a logical order.

Efficiency is key!

Coding efficiently means your program will require very little maintenance. The best programs are those that can run independently.

Use these features to edit your sprite.



Brush - This tool allows you to draw.



Fill - This tool allows you to fill in an object.



Line - This tool is used to draw straight lines.



Reshape - This tool can be used to bend or change shapes.

TOP TIP – After a sequence of codes, run the algorithm to check for any corrections or areas of improvement.