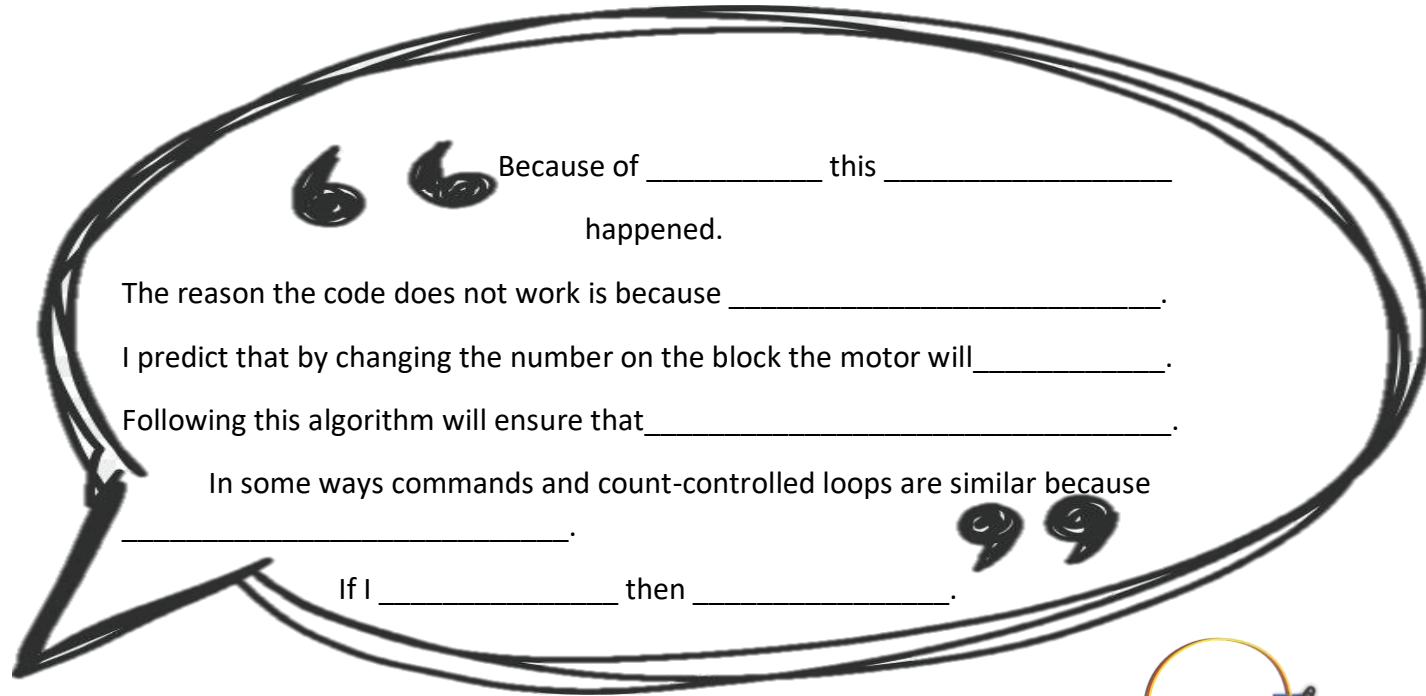


In Year 4, you learnt:

- accuracy is important in programming
- a code snippet is a chunk of commands
- debugging is the process of finding and correcting errors in your code.



Key Vocabulary		
microcontroller	repetition	sparkle
components	count-controlled loop	crocodile clips
connection	crumble controller	connect
infinite loop	switch	battery box
output	motor	program
motor	LED	condition
repetition	action	



Key Facts

- a microcontroller is a programmable device that can control outputs and respond to inputs. A Crumble is a type of microcontroller.
- more than one output component (up to two motors) can be connected to a Crumble (microcontroller)
- a condition is a statement that can only be true or false
- programmers use conditions in programs to trigger actions
- a selection is when a condition is met (rather than stopped). When it is included in algorithms and programs, it is useful to use the structure 'if...then...'

