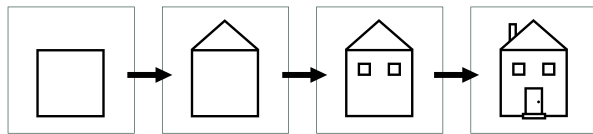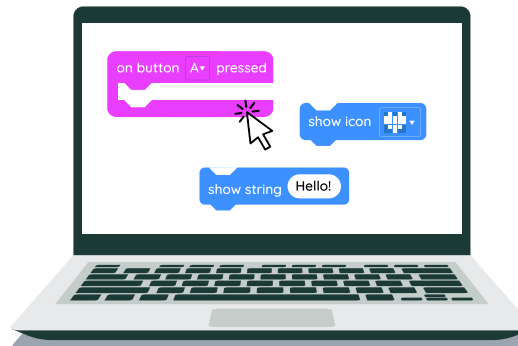# algorithm
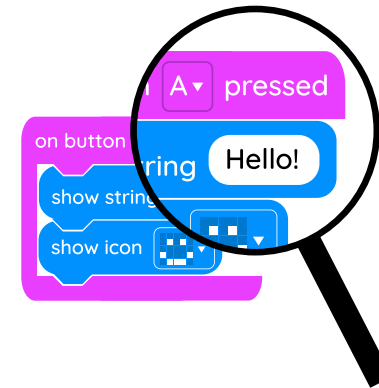
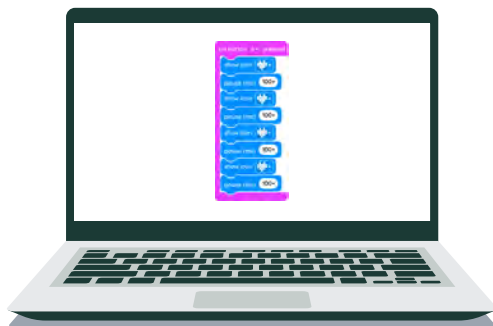A set of steps to solve a problem or complete a task.

block coding

Creating code using visual blocks that fit together like a puzzle.

debug

Finding and fixing errors in your code.

program

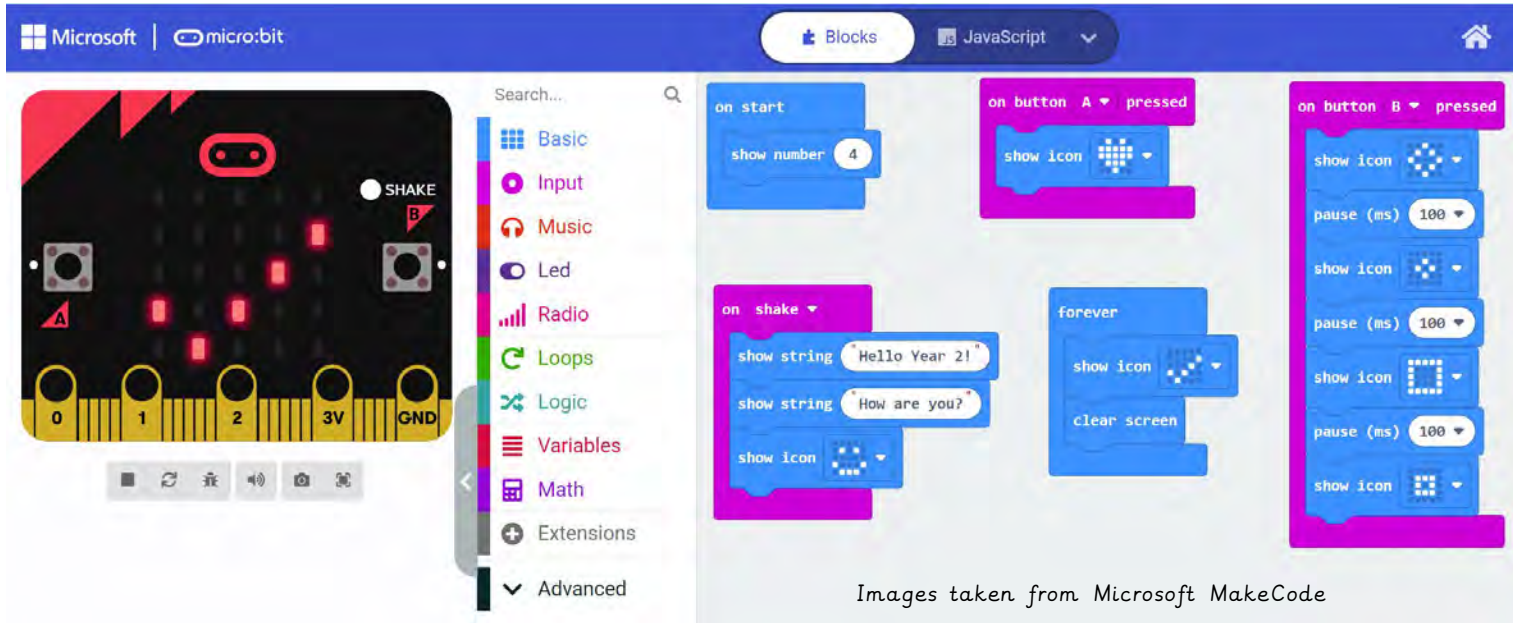A complete set of coded instructions that tell a computer what to do.

programming

Writing instructions that a computer can follow.
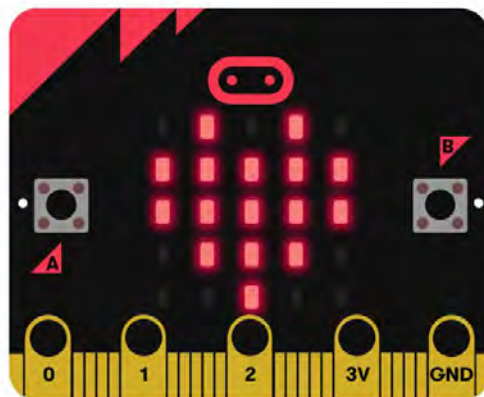
sequence

Putting steps in the correct order.

MakeCode is a block coding programme where you create instructions for a computer by dragging and dropping blocks together.

Images taken from Microsoft MakeCode

This is a micro:bit and it lets you see how your code will work.

Images taken from Microsoft MakeCode

The micro:bit has small lights called LEDs that you can control with your code to make patterns and show messages.

forever

show icon

show string Hello!

clear screen

on start

on button A pressed