

Definitions

What is a loop and why is it used?

Where are loop blocks found in the Scratch interface?

What is a conditional control block and why is it used?

Where are conditional control blocks found in the Scratch interface?

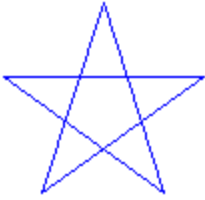
What is a variable and why is it used?

What is pseudocode and why is it used?

What does the color of a block in Scratch indicate?

What does the shape of a block in Scratch indicate?

Pseudocode - write pseudocode for the following situations:



Make a sprite draw a star that has 5 points and an external angle of 144 degrees.

Make a sprite fall continuously towards the bottom of the screen until it touches sprite 2. When it touches sprite 2, it should go up to the top of the screen at a random x value.

Make a sprite draw the following figure:



The second line is 1 step from the first, the third is 2 from the second, the fourth is 4 from the third and so on (the distance doubles every time).