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Code-it Programming Knowledge Cards

Condition Stops Loop

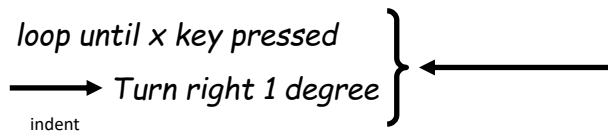
Condition that stops a
continuous loop

Everyday Condition Stops Loop

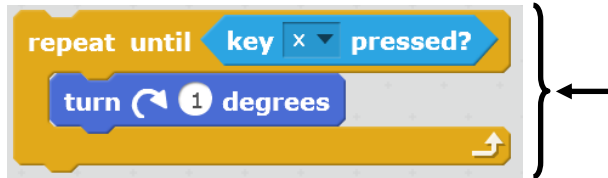


Condition Stops Loop Algorithm

If you are planning to use a condition stops loop, show what is inside by indenting.



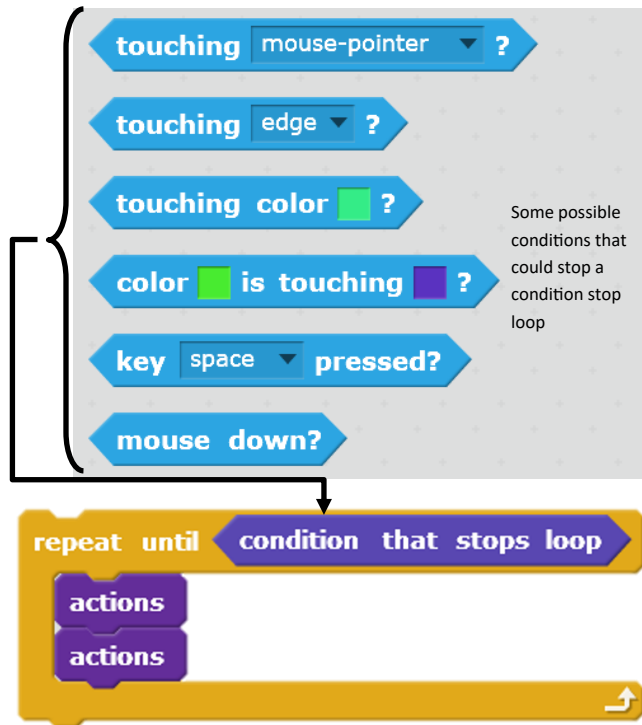
Programming Repeat Until Loops



Professional programmers prefer repeat until loops over forever loops as they have a method of stopping the loop. Professional programmers hate the idea of getting stuck in a loop.



Programming Condition Stops Loop



Debugging Repeat Condition Stops Loop

Add extra wait blocks between every block of code. This will slow the program down and help you to see where the bug is. Increase very small numbers.

Make a step by step list of what will happen.

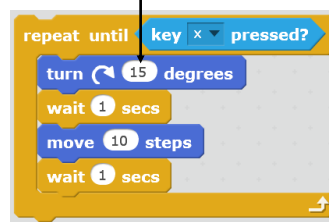
Turn right 15

Move 10

Turn right 15

Move 10

Etc



Run the Condition Stops loop on its own by left clicking on it separately

Is there **other code elsewhere** in your program that is affecting condition stops loop code?

Has your condition stops loop got a **time block inside** such as say for 2 seconds? This will slow the whole block down?

