

Loop always  
If right arrow pressed  
Turn right 10 degrees

Always loops are often combined with conditional selection so that a condition is checked over and over again.

Loop always  
walk 1 step  
Point towards mouse

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

### Forever Loop Algorithm

### Programming Forever Loops

### Debugging Forever Loops

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.

- Move 10
- Point towards mouse
- Move 10
- Point towards mouse
- Etc

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

Is there other code elsewhere in your program that is affecting your forever loop code?

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



Code-it Programming Knowledge Cards

# Forever loop

Loops that once started will not stop until the program or script ends

### Everyday Forever Loops