LESSON FIVE

Events: Causeand Effect

Sometimes in computer science you need to associate some blocks of code with a specific event.

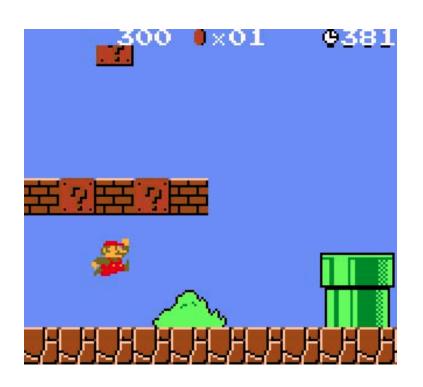
You can think of this process as when...then:

When a certain event happens, Then I will run a block of code



FOR EXAMPLE

When you hit the phone icon on your home screen, then your phone brings up the interface to make calls.

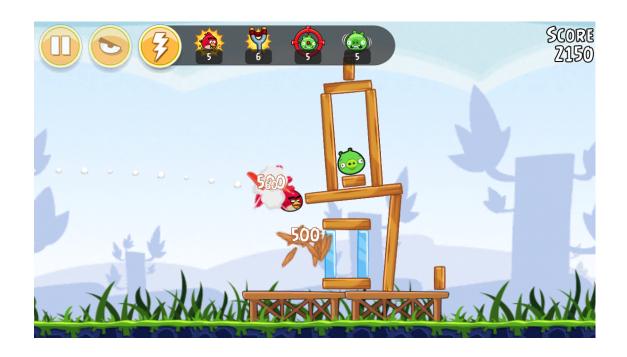


FOR EXAMPLE

When you press the "A" button, then Mario jumps, no matter where he is.

FOR EXAMPLE

When the bird hits a block, then the block falls down.

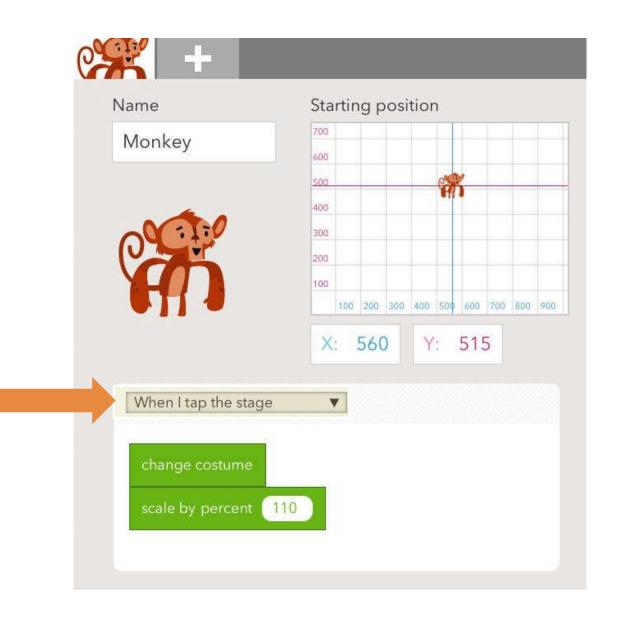


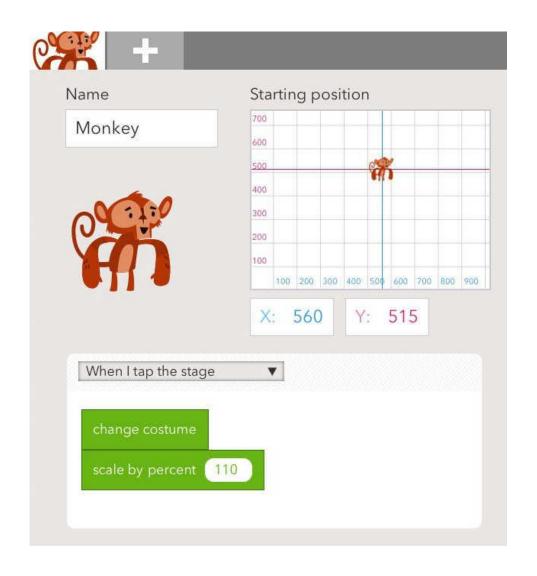
Wouldn't it be great if you could associate some blocks of code with an event, so every time that event happens your code will run?

You can!

It's called an Event Handler.

Take this event for example:





No matter when or where I tap the stage, every time I tap the stage Monkey will change her costume and grow a little bit.

It uses those same 2 blocks every time!

Lets write some
event handlers
to imitate the
modern artist
Piet Mondrian!

