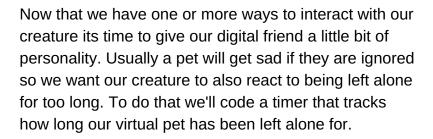
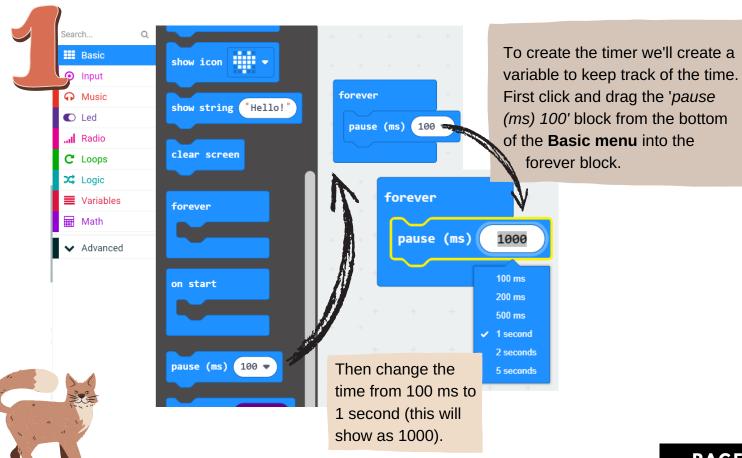


Part 1 - Coding a mood

Let's give our pet moods!



Our pet will get sad if left alone for 5 minutes That could be expressed as: IF no button is pressed for 5 minutes **THEN** show the creatures sad expression





Part 2 - Coding a mood

Making a variable to keep track of time

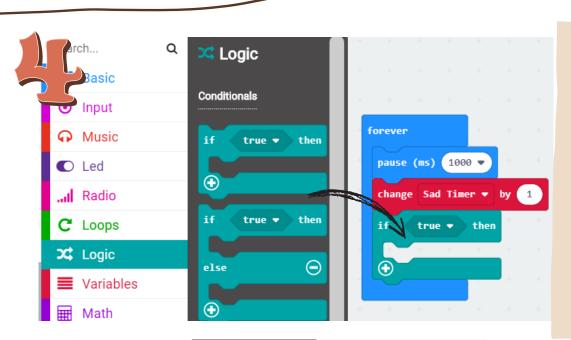




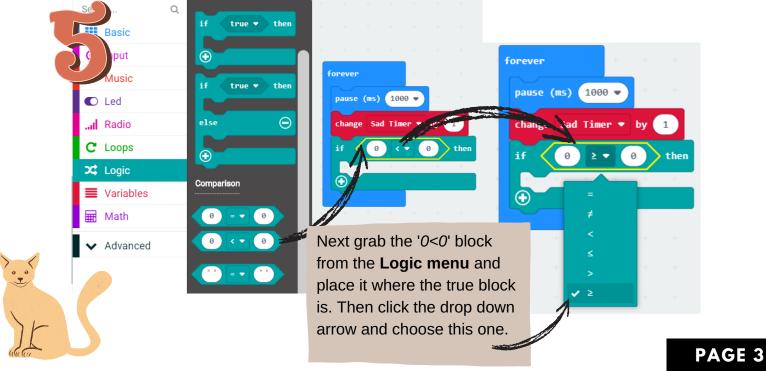
Part 3 - Coding a mood

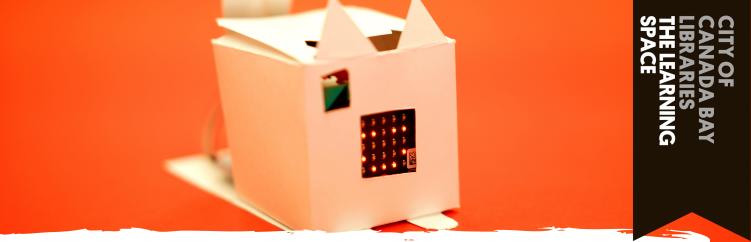
Using conditions to determine our pets mood





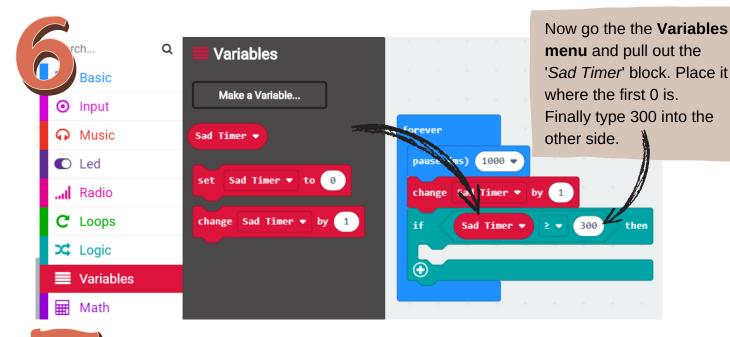
Now the sad timer will go up 1 every second. We want to check if the sad timer has reached 300 (5 minutes expressed in seconds). Go to the **Logic menu** and pull across the 'if true then' block, placing it under the sad timer variable block.

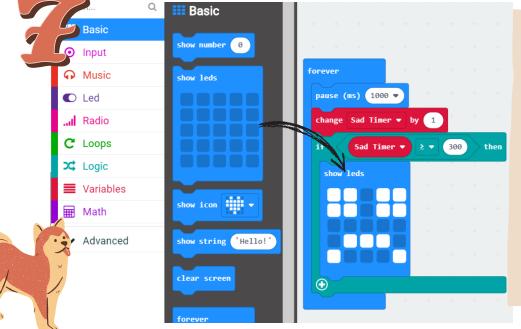




Part 4 - Coding a mood

How long until our pet gets lonely?

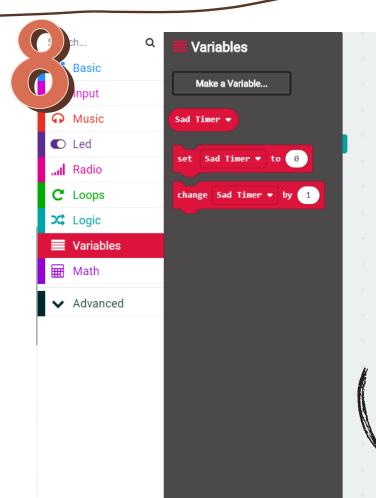


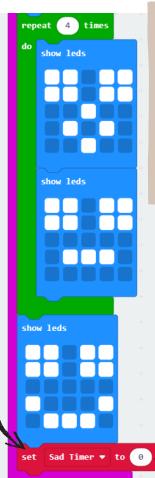


Now what do we want to happen if our creature gets ignored? We want the pet to look sad so we'll go to the **Basic menu** and grab a 'show leds' block. Place it in the 'if sad timer...then' block and draw a sad face with the leds.

Part 5 - Coding a mood

But now our pet will stay sad!





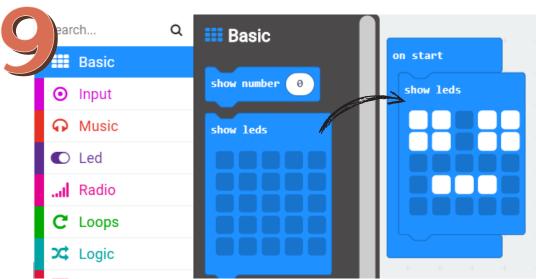
But now if we play with our pet's 'sad timer' doesn't reset and our digital friend stays sad! Let's fix that by resetting the timer whenever we interact with our pet.

Head to the Variables menu and click and drag the 'set Sad Timer to 0' block to under any pink input blocks you've made.



Part 6 - Coding a mood

What other moods can we code?



Finally under the 'on start' block place a 'show leds' block and create a neutral expression. Now when we start our digital creature it will show a neutral expression.



What other moods could you code? How do you want your digital pet to act? If you want to make another mood you'll need to create a new timer for it.

IF pet isn't fed every 10 minutes THEN show hungry face For example, if you wanted your pet to get hungry if you don't feed it then create a hunger timer. Every time you press A and feed your creature it will reset the timer. But if you don't feed your pet for 10 minutes then it'll get sad and complain!

The options are endless so have a go and see what you can create.

IF pet isn't walked every 2.5 minutes THEN show energetic pet