SCRATCH Cutie Cat

Register/login at https://scratch.mit.edu

*Use the colour **touching** colour sensor.*

1) **Create** a new Project and give it a cute name.
2) Download images from:

http://codeclub67.github.io/images/cat-body.gif

http://codeclub67.github.io/images/cat-face.gif

http://codeclub67.github.io/images/hand.gif

3) **Upload** a new sprite for each of the images above.

4) Arrange the cat body and face to make a complete cat.
 When we tickle the cat's ears, it will tilt its head.

5) Change the size of the hand so it isn't so huge (20%?).
6) First add code to the **hand** that loops **forever** and **moves** it to the mouse pointer.

*Click on the **green** flag to try it.*
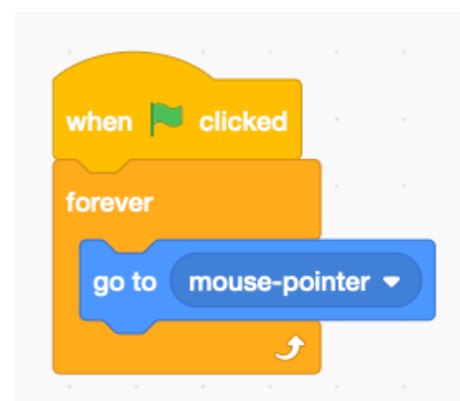
Now detect when the cat's fur, different on the left and right, touches the pink hand.

7) Add a **forever** loop to the cat's head that starts when the **green** flag is pressed.

8) When the head is at 90° (degrees) it's upright. Make the head **point** **90°** in case it's not touching anything.

9) Add an **if** block to sense when the orange fur (right) is touching the pink hand.

10) Click on the first colour in the **touching** sensor and use the "**eye dropper**" to pick the orange fur colour (it must be a colour on this sprite).

11) Click on the second colour and pick the pink hand using the **eye dropper** again.

12) **If** the orange fur touches the pink hand then **point** the head to the right, about 150° (degrees).

13) Add another block to sense **if** the grey fur on the other side is **touching** the pink hand. use the **eye dropper** again.

14) This time, point the head the other way if they're touching, about 30° (degrees).
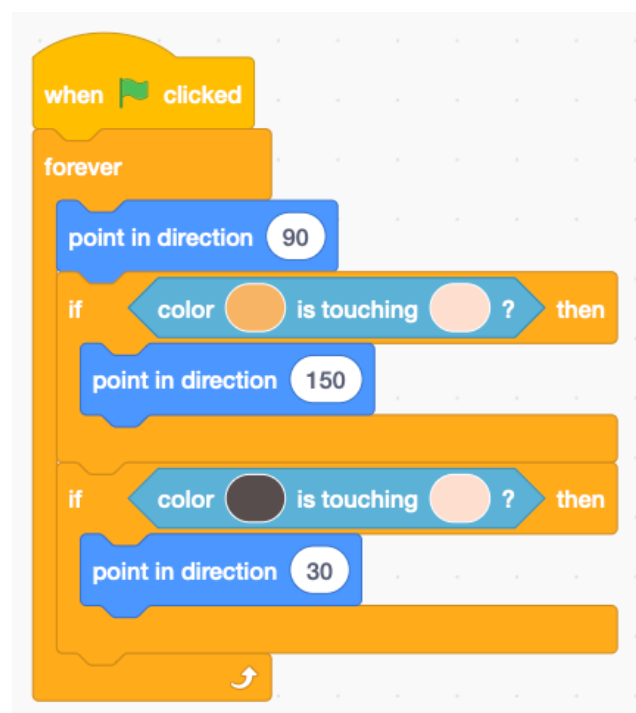
Save *your code with a good name.*