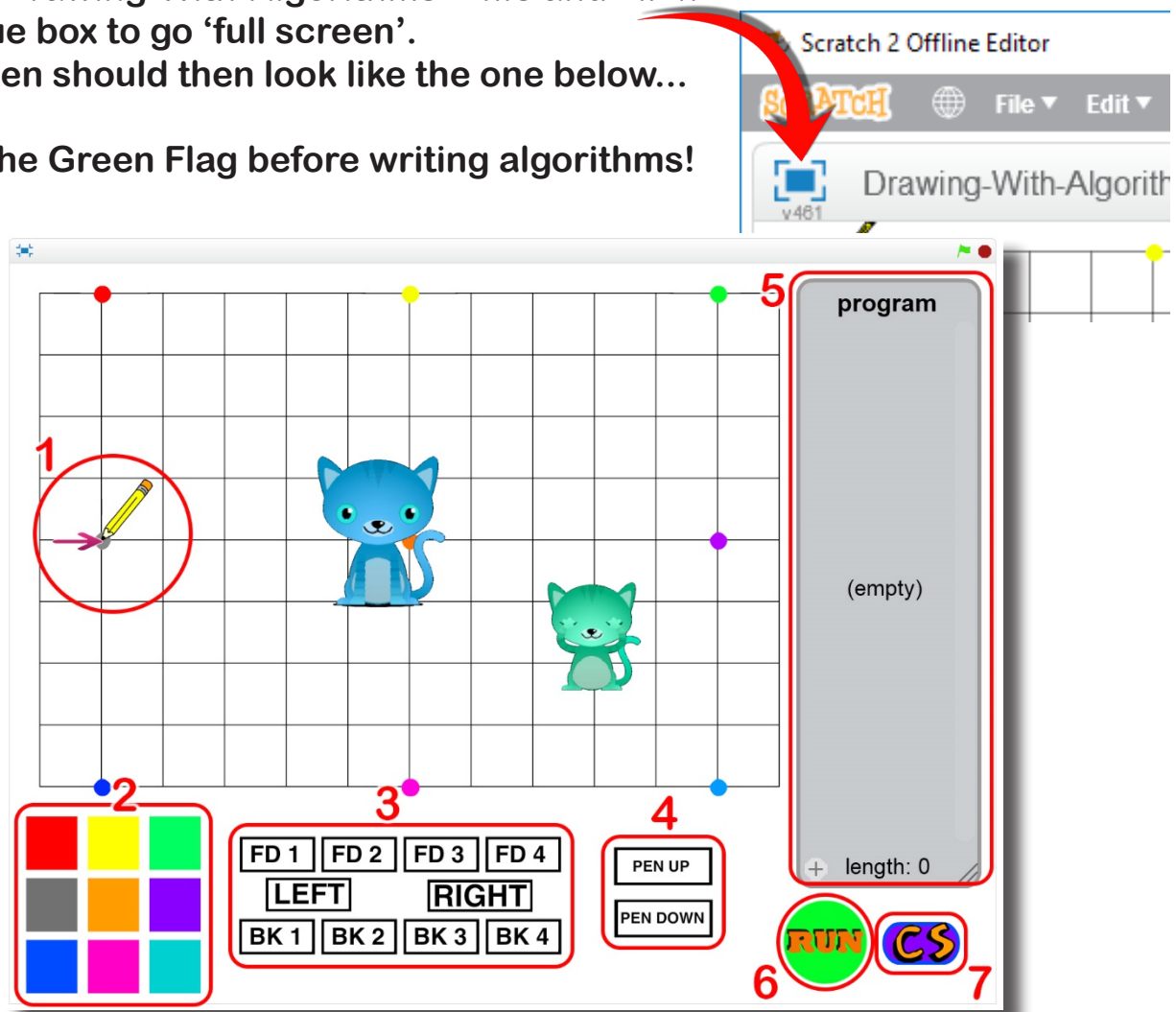


## Drawing with Algorithms Worksheet 2.1

### Drawing Simple Shapes

Open the Drawing-With-Algorithms-2 file and click on the blue box to go 'full screen'.  
 Your screen should then look like the one below...

Click on the Green Flag before writing algorithms!



#### Key


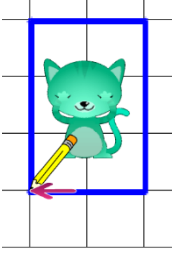
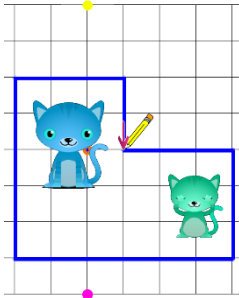
1. The pen, which we draw with on the grid.
2. Click a colour to select your starting point on the grid.
3. Use these buttons to create the directions for your algorithm.
4. Use these buttons to set the pen up (off the grid) or down (on the grid to draw).
5. The Program list, where the steps to your algorithm are stored.
6. The Run button starts the pen drawing your algorithm
7. The CS button clears the steps from the Program list.

Write out your algorithms on the template before trying them.  
 Remember that the pen always starts facing to the right!

## Drawing with Algorithms Worksheet 2.2

### Algorithm Worksheet

Write out algorithms for the shapes below. Don't go off the grid!

Start at		Start at		Start at	
	1		1		1
	2		2		2
	3		3		3
	4		4		4
	5		5		5
Program	6	Program	6	Program	6
	7		7		7
	8		8		8
	9		9		9
	10		10		10
	11		11		11
	12		12		12
	13		13		13
	14		14		14
	15		15		15
	16		16		16

Remember to pick the Pen up and get to the start point before putting the Pen down and starting to draw!