

CoderDojo Athenry



Code and Notes by Martha Fahy, 2018

CoderDojo Athenry

"Above all, be cool"



Every week:

- ✓ Sign in at the door

If you are new:

- ✓ Fill in Registration Form
- ✓ Ask a Mentor how to get started

Make sure you are on the Athenry Parents/Kids Google Group: email coderdojoathenry@gmail.com



Weekly Reminders



- Fire exit doors/main doorways must be kept clear **AT ALL TIMES**

- In the case of an emergency , please proceed in a calm and orderly manner to the nearest **Exit** and go to your Assembly **Point**



Do **NOT** take anything with you

If you have a child in another room, do **NOT** go to them, a Mentor will look after them



- Please leave passageways between desk and keep **CLEAR** at all times





- If power cable goes across passageways – must be **TAPED DOWN** ask mentor for tape



- **ONLY NINJAS** need a table - parents, please only use a chair





- If **FIRST AID** is required please alert a Mentor

There are a number of trained first responders on site every week

€2



+



Help us cut down on Single Use Cups



Bring your own cup (must have lid)

€1.50

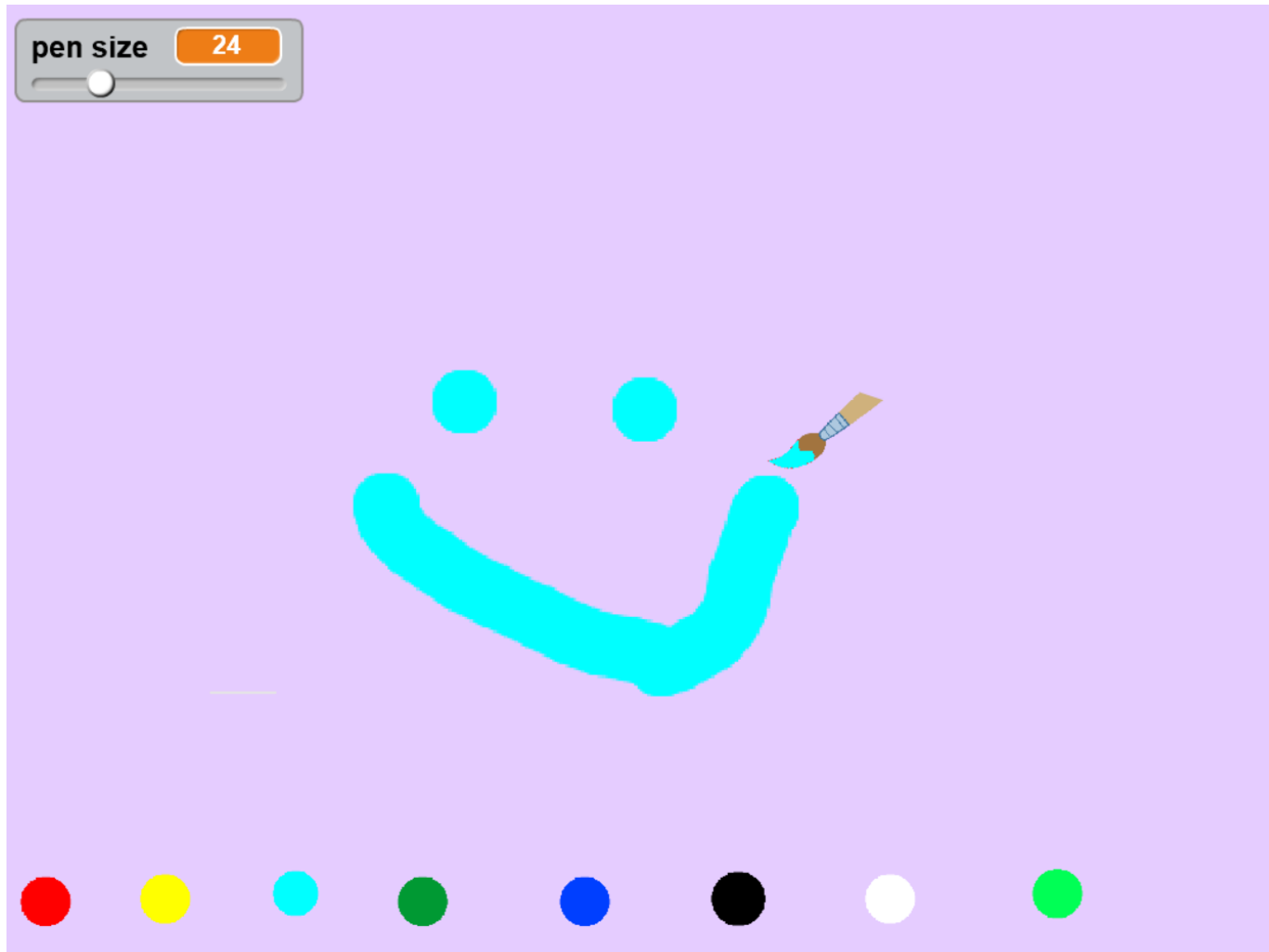


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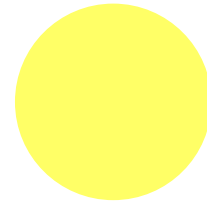
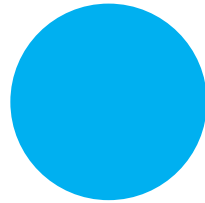
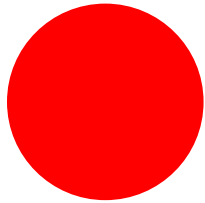
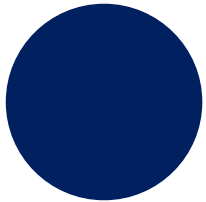
Today's Challenge:

Making a Paint Program



Lets get started

Draw each Colour as a *Sprite*



Don't have to be a Circle

Can be any shape

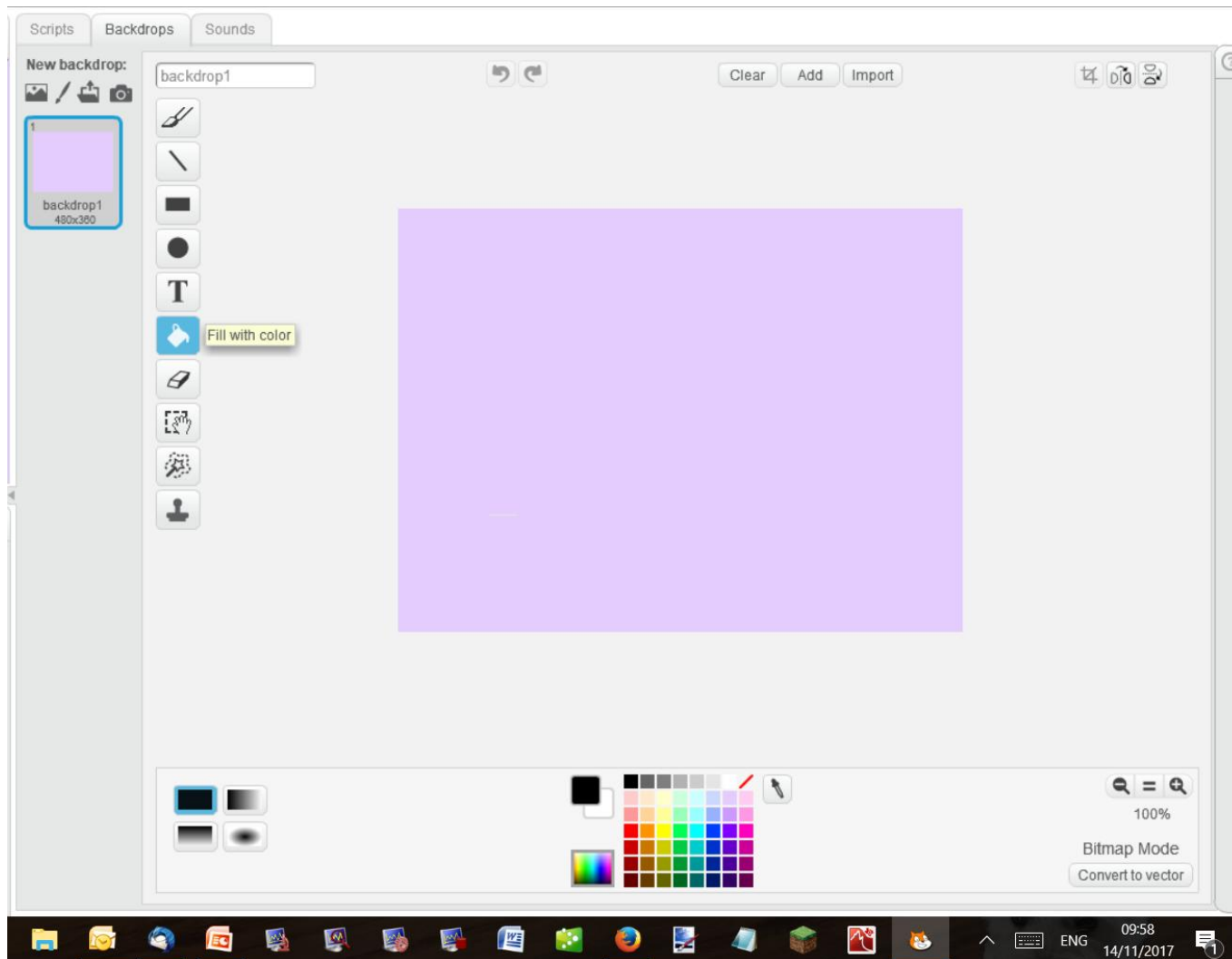


Creat One than Duplicate and change Colour



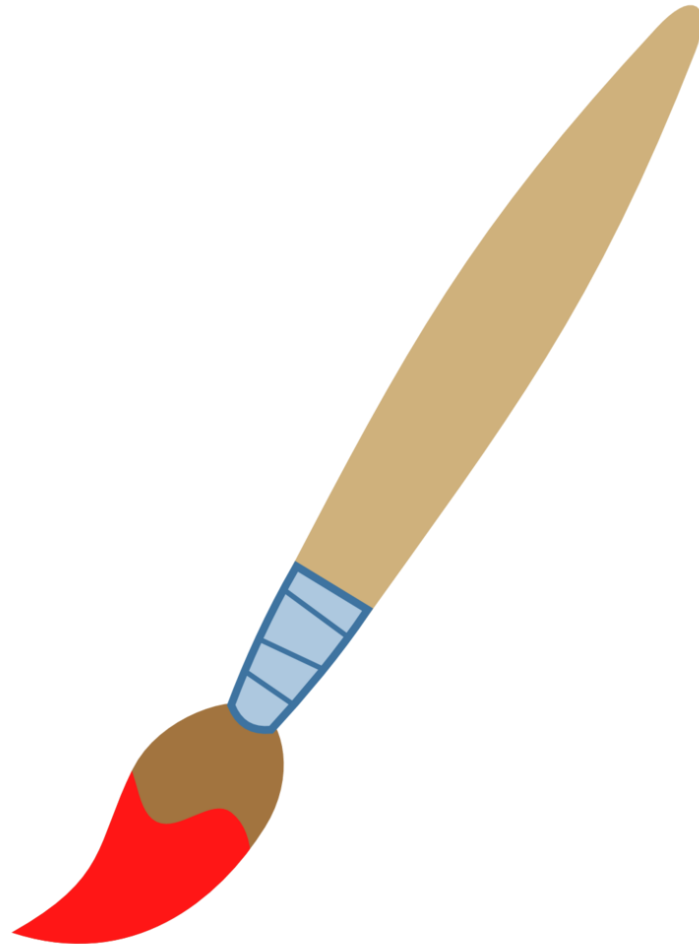
Create a Plain Colour Background

Tip:
Not
too
Dark

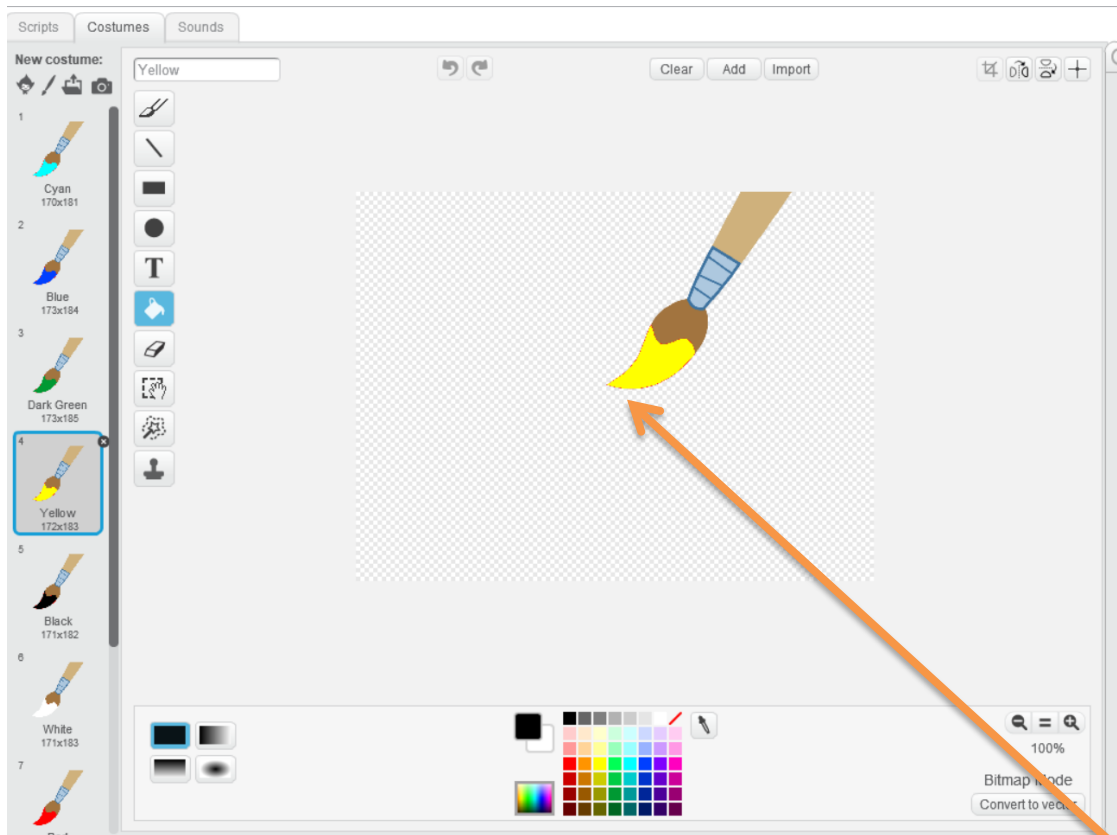


Now for the *Paintbrush* *Sprite*

Can use
Pencil from
Library or
Get Paintbrush
from the
Internet



Create a Costume for Each *Colour* and **NAME IT!**

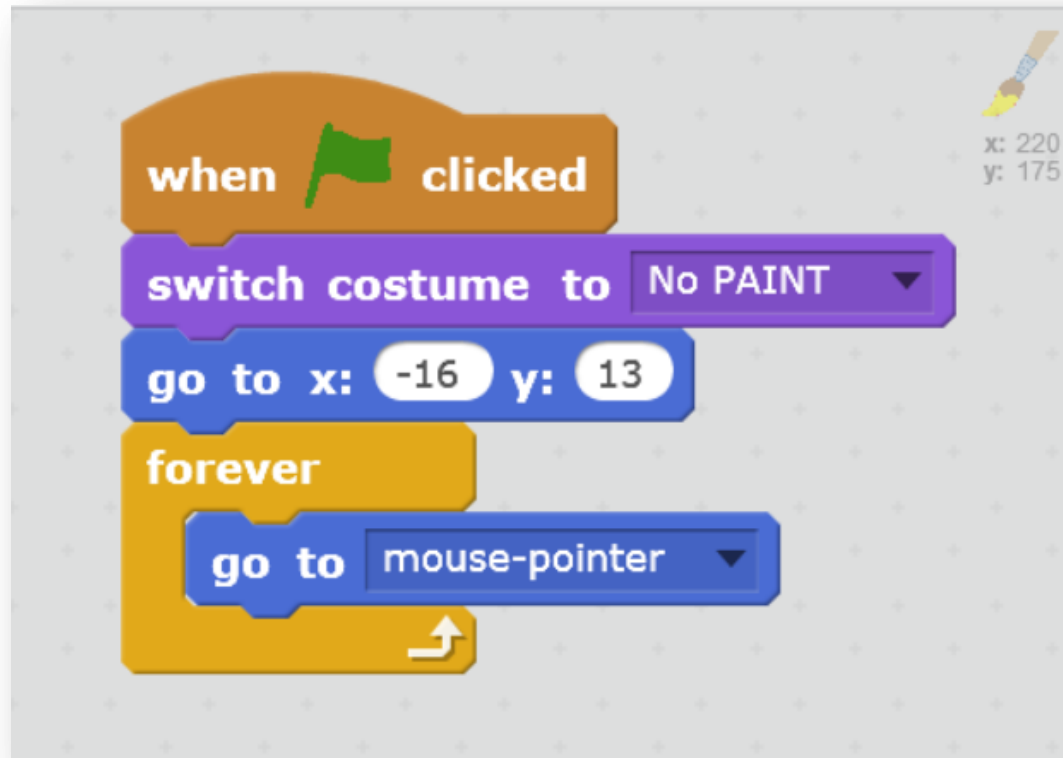


Have one with NO
Paint as well as one
for each

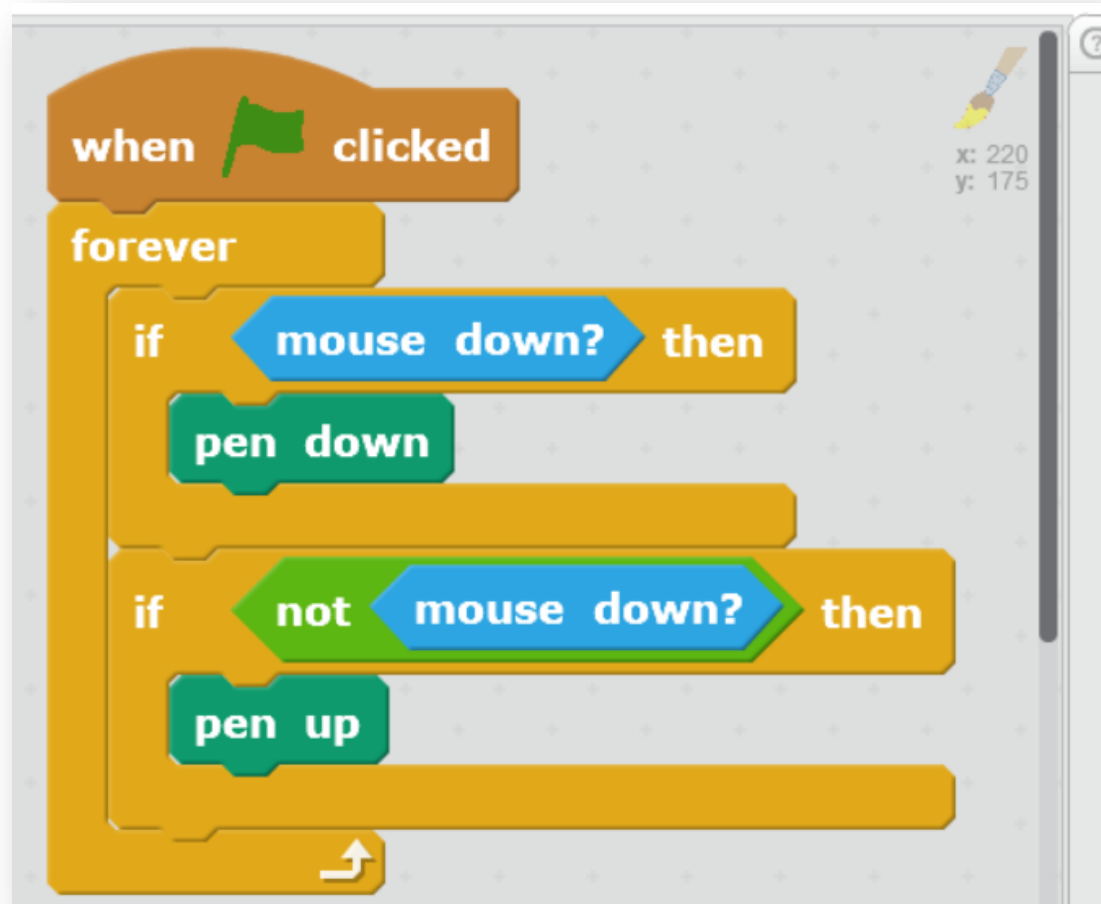
Colour

Must Centre on Tip

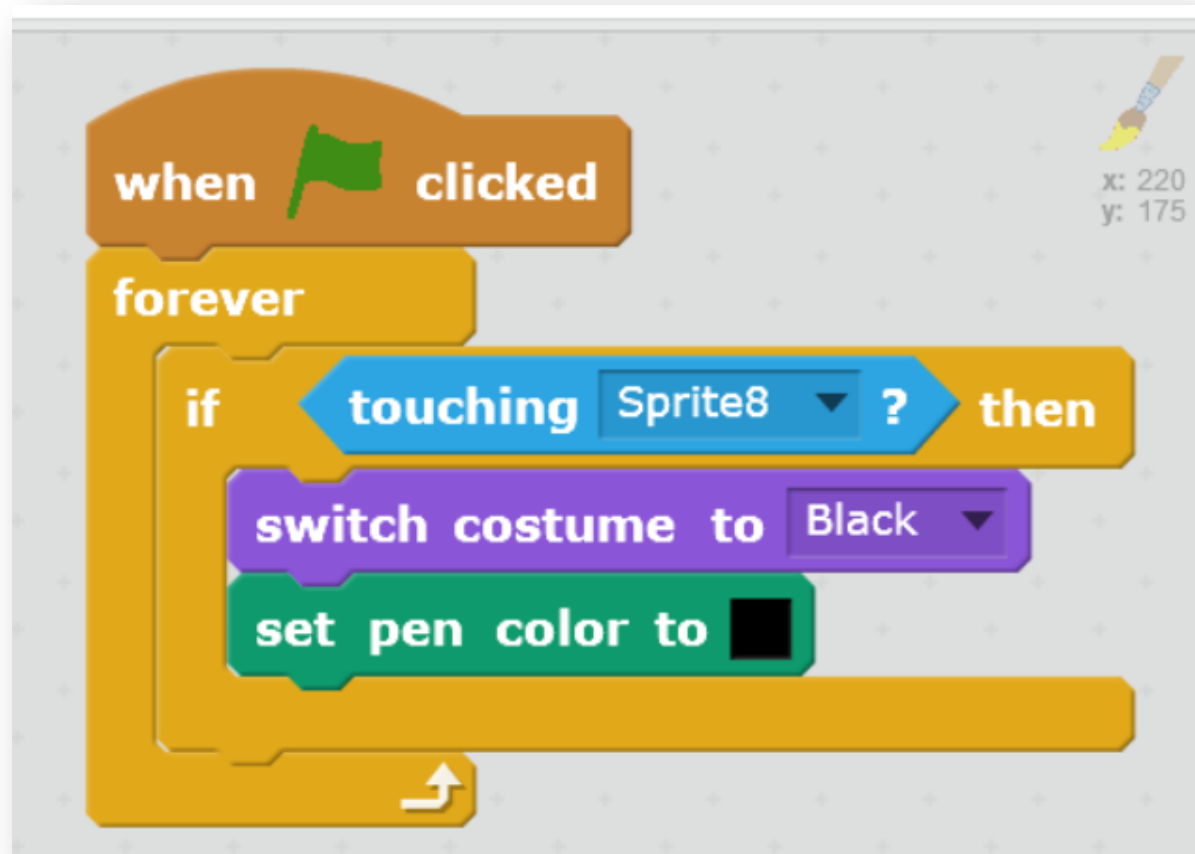
Now the Code!



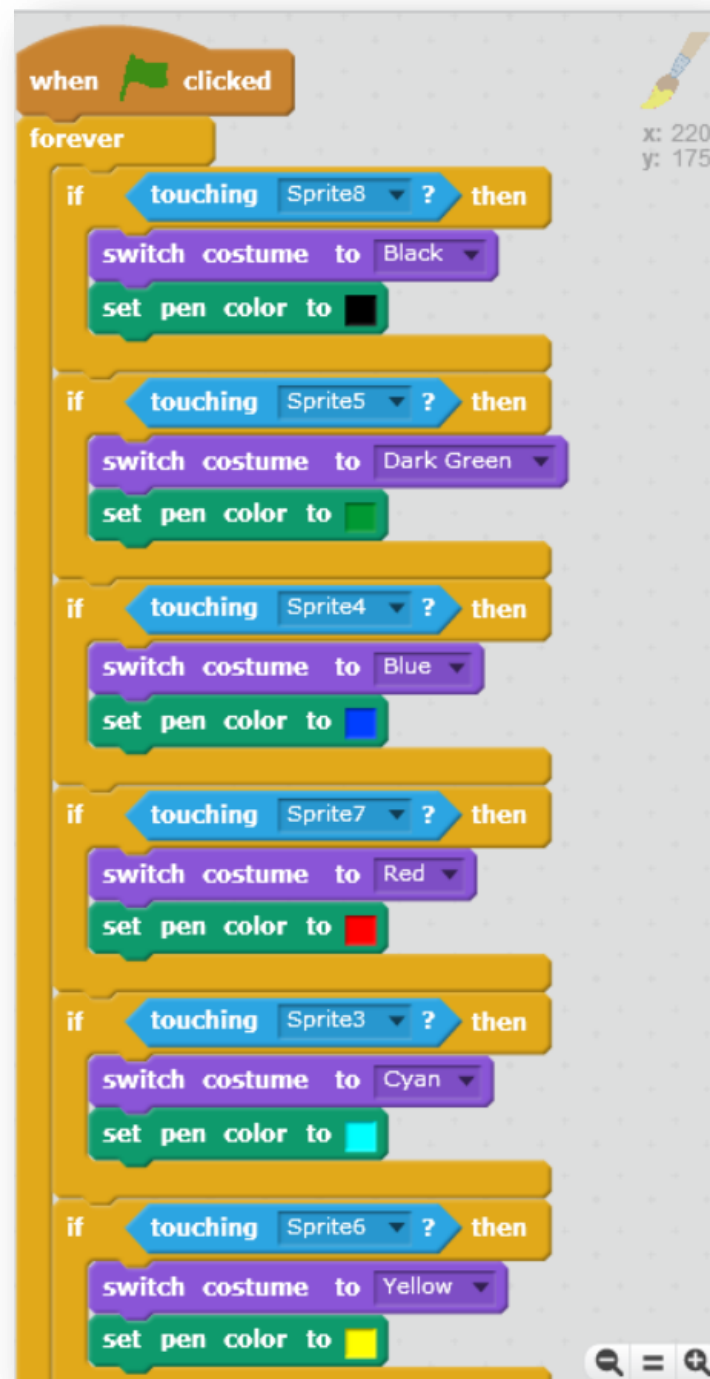
Now the Code to Make the Brush Paint!



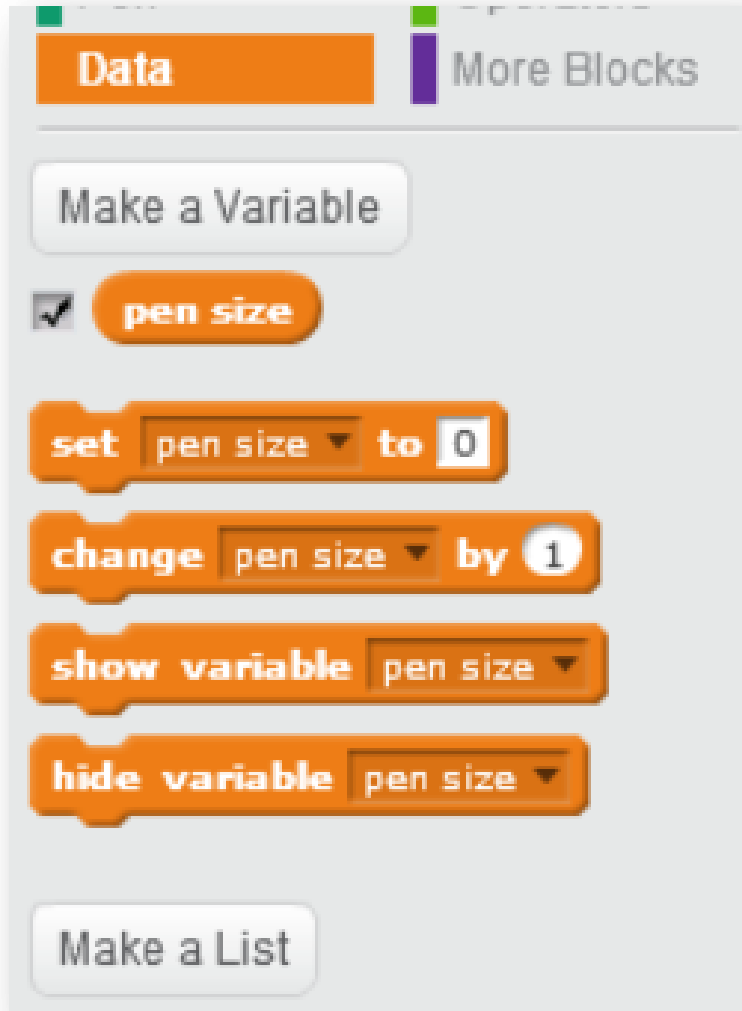
Now the Code to Make the Brush Change Colour and Costume!



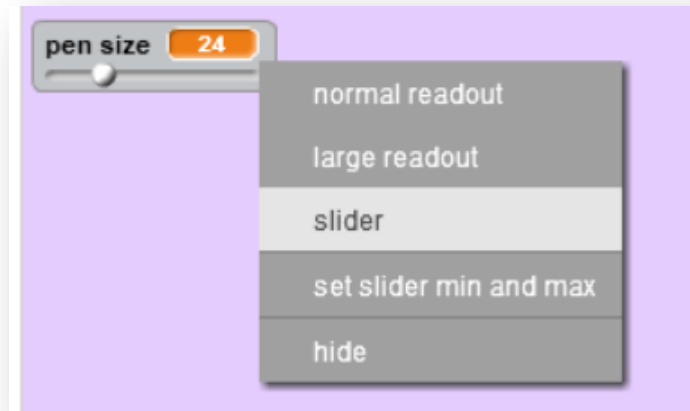
Do
this
for
each
Colour



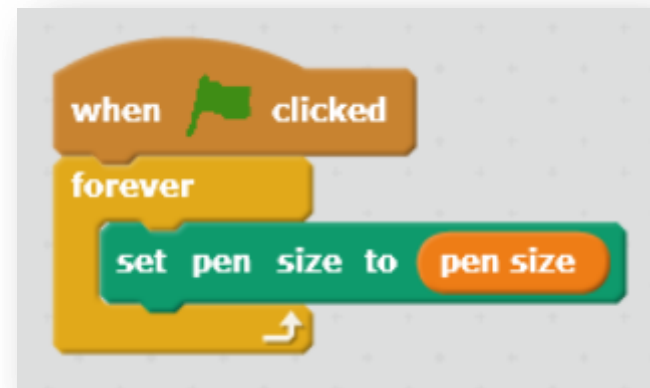
To Change Pen Size Create a Variable



Set as *Slider*



Code to Add to Paintbrush Sprite



Need to be able to Erase what youve
done **CLEAR!**



At the End ...

Upload your project to the Scratch Website

user: **cdathenry1718** password: **athenry1718**

Access it
from home

Improve it

Show your
friends!

