

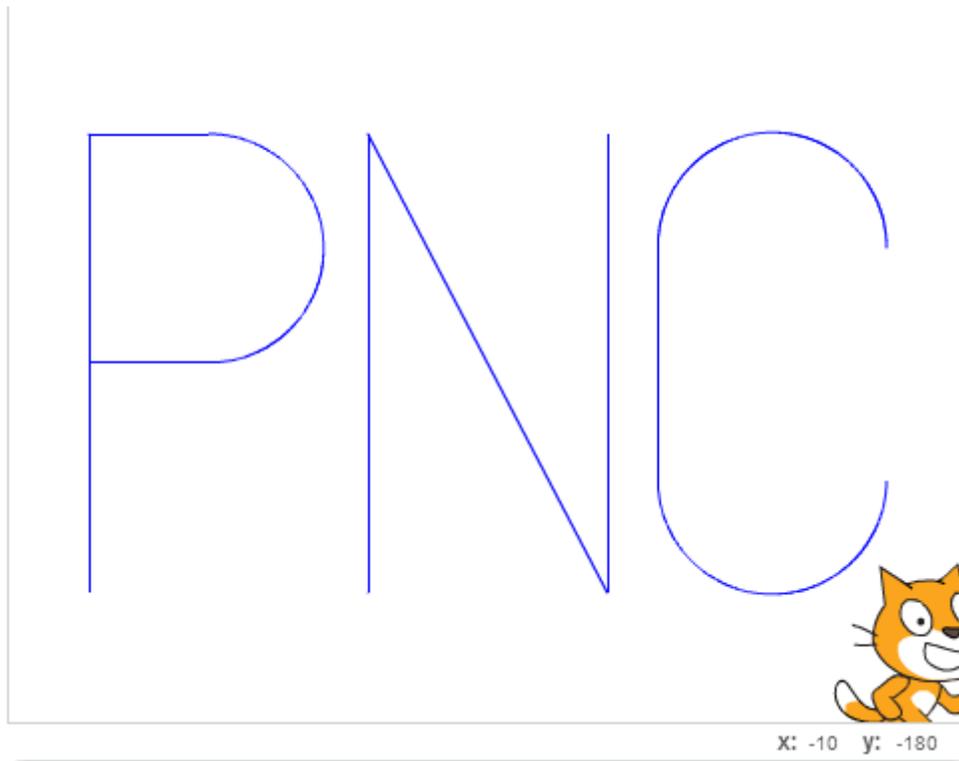
Scratch 1

Add comments to your computer program. Right click on an empty place in the script area for the main sprite, choose add comment. Replace the words “add comment here” to include your first and last name, ID number, Intro to Computer Programming, Period ? (whatever period you have class), and the name and number of the program.

We have learned about using blocks from the , , and  menus to create some simple line drawings.

For this assignment you will write a Scratch program that writes your “three” initials. If you don’t have a middle name, this would be a false assumption on our part and we would like you to use the letter “N” for your middle name representing none. For example, if we were to do the initials (PNC), we might end up with something like the following:

Requirements



- Write a program named LastFirstS1.
- For this program you should use the  block plus **any** actions available in the  and  menus .
 - Please notice that you have permission to use all of the blocks from the Pen menu. Scratch is simple enough that you should be able to figure out how to use them if you want to do so.

- Your program should “run” when the green flag is pressed.
- When your program runs you should first clear the screen so we start with a fresh stage. You should pause so that we see that you did this.
- You then should move the character (the cat by default) and raise and lower the pen so that the end result is your set of three initials. This should be programmed in such a way that we see the letters writing and when it’s complete, the cat is out of the way and doesn’t obstruct our view of your initials.
- Your initials should be centered vertically and horizontally on the stage.

That's it. Those are the simple minimum set of requirements. The rest is all up to you.

Suggestions

In reality this probably sounds easier than it actually is. I would suggest that before you start programming that you get out a piece of graph paper and plan out your program. Think about the coordinates of the stage (-240 to +240 for width, -180 to +180 for height) and how/where the three letters that you are drawing would go on the stage. Think about the movement from point to point and when you need to raise or lower the pen.