

PGSS - Programming Lab
Task 1A about 30 minutes (or less)

_____ Find and double click the Processing icon. This may fail the first one or two times - keep trying. This will open a window where you write your program. This is called the "Processing IDE". IDE stands for "Integrated Programming Environment".

_____ The first lines of your program **MUST** be the "required comments". Two slashes (//) start a "comment". Comments are for humans and are ignored by Processing. The "required comments" are
1: your name and Andrew ID and
2: a copyright notice.

_____ The first line of "program code " after the comments must be:
`size(400, 400);`
which sets the size of the output window. This line of code is referred to as a "function call" because `size()` is a function. Its function is to make a window that is 400 by 400 in which you can draw.

_____ Using the Processing API ("Application Programmers Interface) from the link on the course web page, scan the seven 2D primitives functions at the top of the middle column in the API and how they work. Also scan the Color setting functions immediately to the right of the 2D Primitives. You may also want to scan the function `strokeWeight()`.

_____ Use at least four different shape 2-d functions and four different colors to draw a simple target for a future computer game.

_____ Be sure to save your code. We suggest you use the file name **Task1A**. Do not use any spaces in the name.