

# Korean Flag

## Description

I share the image of Korean flag. I realize that I don't really know how to draw one without looking at the images, and it has been so long that I have paid close attention to it and the meaning. I decide to pick korean flag for my project to revisit the details of the flag and the meaning of each parts of the flag. My goal is to draw Korean flag (Tae Geuk Gi) using python and relearn the meaning of the flag and the history.



Figure 1: Korean Flag

## Planning

- milestone 1: Create yin-yang shape in the center of the Tae Geuk Gi. Learn how to add color.
- milestone 2: create functions, function A is written to draw a larger rectangle and the same function can be used 6 times (this is what I am hoping). Second function B is written to draw a smaller rectangle, and this function B can be used 12 times.
- milestone 3: Four corner of the flag requires different composition of larger rectangles and smaller rectangles, and this would be challenging to form a group (I expect four groups), and then rotate each group with different angles. I don't know if I would be able to do this, but I am pretty sure there is a way. Maybe there should be another step between milestone 2

and 3, milestone 2.5 should be creating four groups for the corners. For example, group 1 will be the one upper left corner, so it will need only 3 larger rectangles, while the upper right corner would need one larger rectangle and 4 smaller rectangles.