

Functions and Loops

This is a remix of circuit #3. You need to rewrite the loop function so it looks like this

```
void loop()
{
  blinkFive(300); // greenish blue
  delay(1000);
  blinkFive(512); // blue
  delay(1000);
  blinkFive(650); // violet
  delay(1000);
}
```

You need to write the function `blinkFive` which takes one integer argument: an RGB code. The function needs to contain a `for` loop (or a `while` loop) that will blink the multicolor led at the color provided for 300 ms on, 300 ms off. Your function should use the existing function `showRGB` to turn the led on. Use the old skool method to turn the led off.

Hacker edition - Loop d' Loop

In addition to the above, I would like you to add a `for` loop (or a `while` loop) to the loop function. This `for` loop will repeatedly call `blinkFive` cycling through the colors 0 up to and including 700 in increments of 100 -- so 0, 100, 200, 300, 400, 500, 600, 700, 0, 100 etc. -

Due date and submission

This homework has a hard due date of Tuesday the 29th at 11:59pm.

Please submit your code to submit.o.bot@gmail.com (subject line 110hw4).

Your code must contain your real name along with your avatar name as comments at the start of the file as a comment (If you do this you will get 5xp extra).

If you have problems with the assignment, come to my office hours after class or send email to arrange for another time to meet.