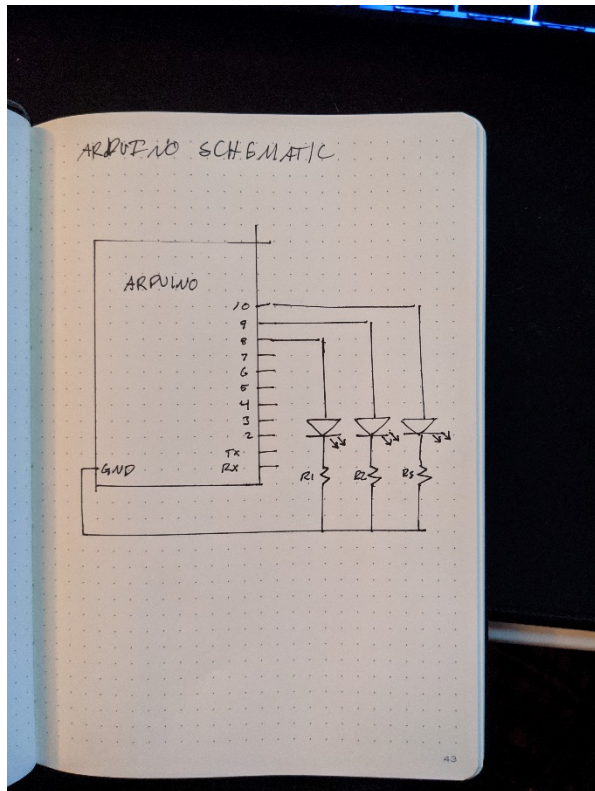
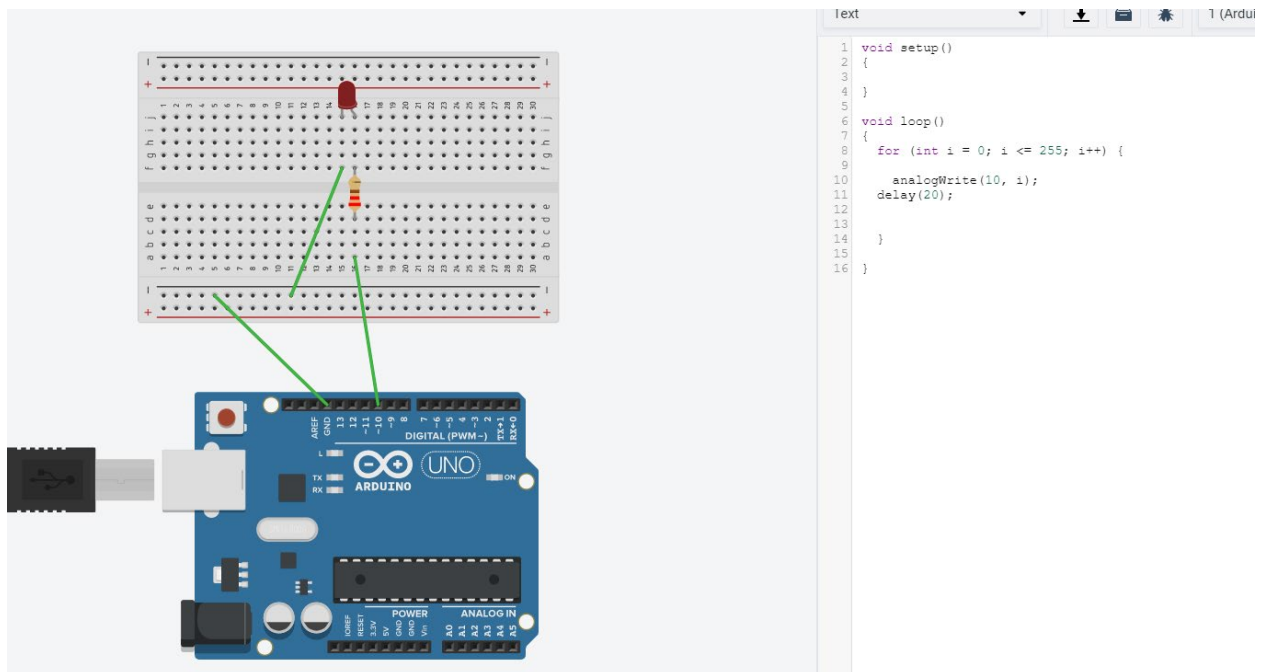


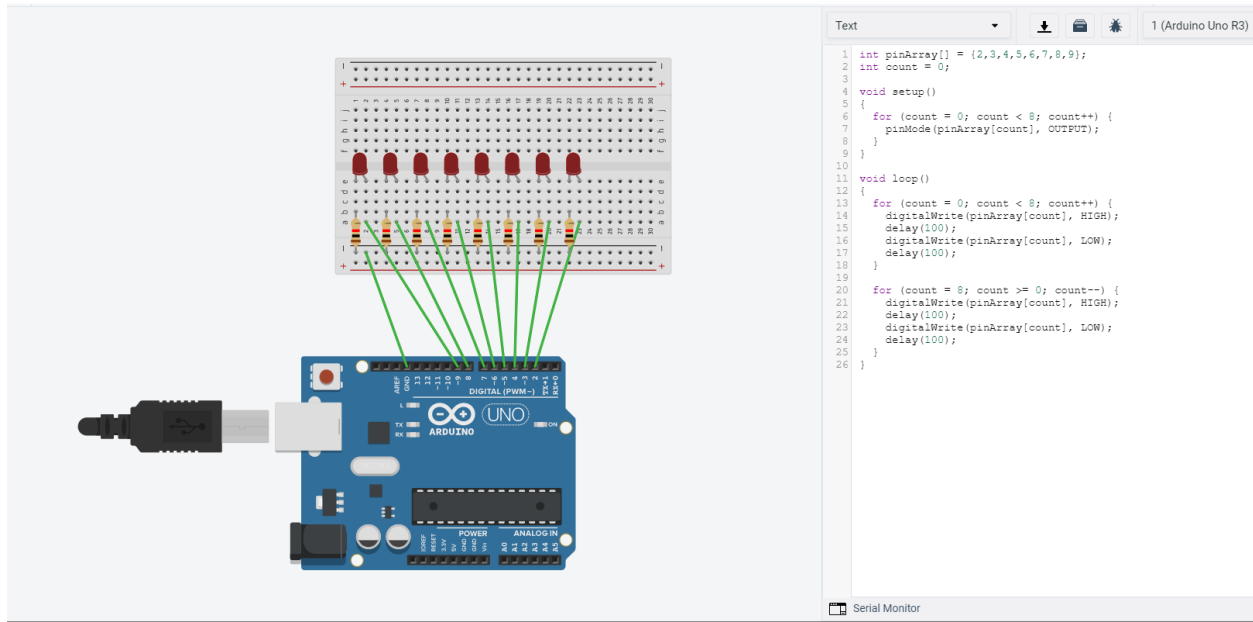
Exercise 1 rory lange



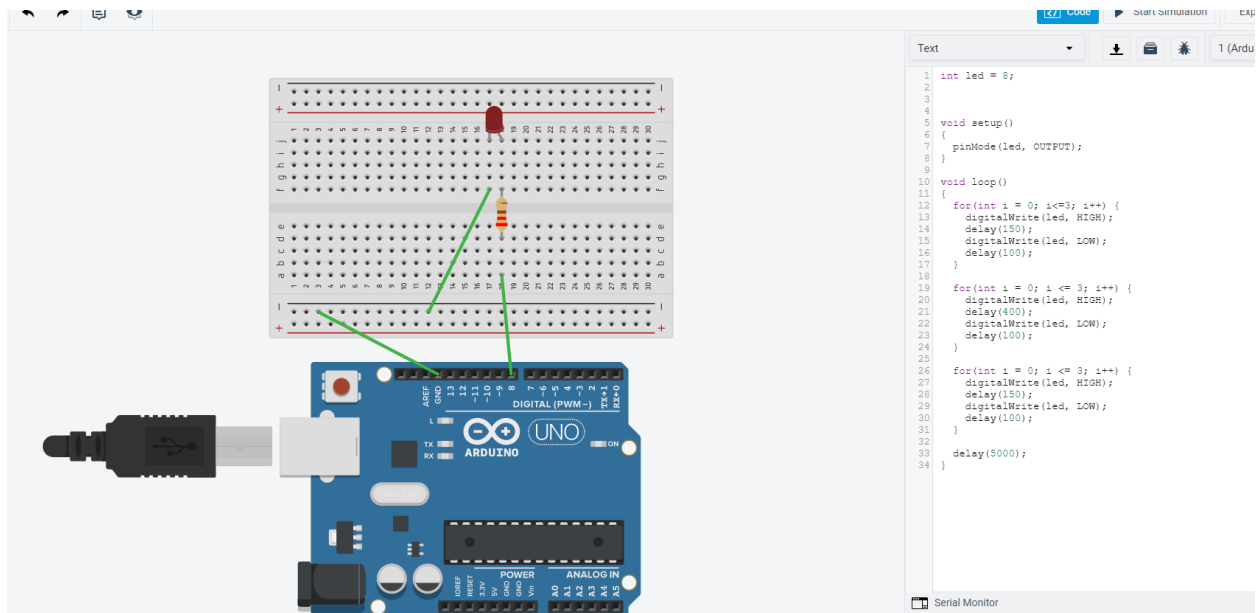
Exercise 2



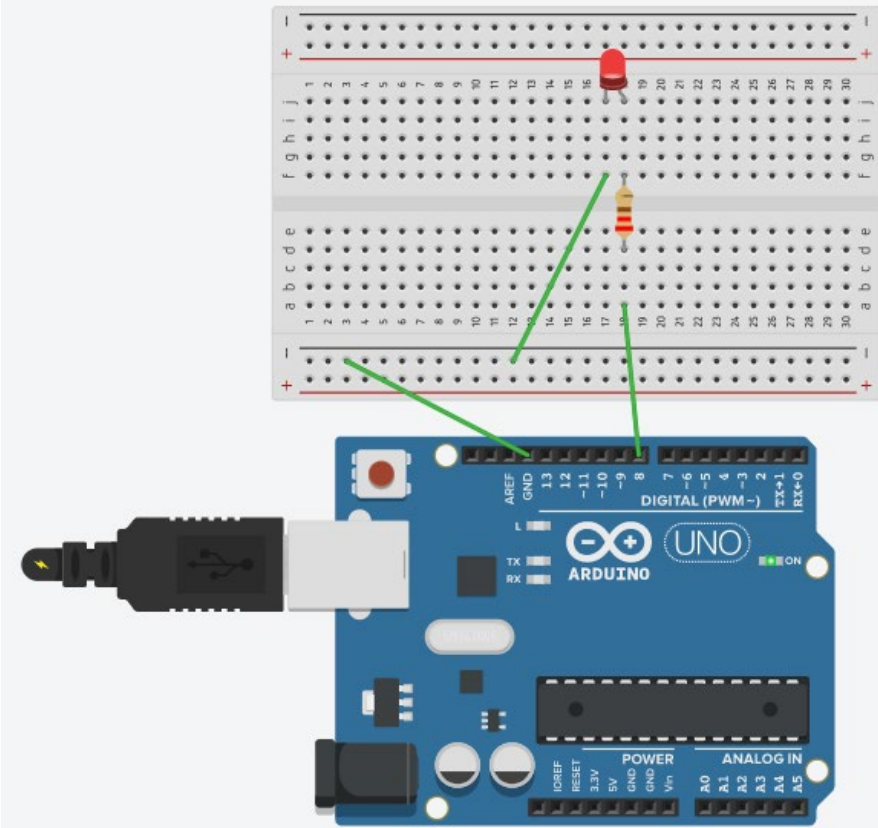
Exercise 3



Exercise 4 task 1



Exercise 4 task 2



```
1  int led = 8;
2
3
4
5  void setup()
6  {
7      pinMode(led, OUTPUT);
8  }
9
10 void loop()
11 {
12     delay(100);
13     //r .-.
14     digitalWrite(led, HIGH);
15     delay(150);
16     digitalWrite(led, LOW);
17     delay(100);
18     digitalWrite(led, HIGH);
19     delay(400);
20     digitalWrite(led, LOW);
21     delay(100);
22     digitalWrite(led, HIGH);
23     delay(150);
24     digitalWrite(led, LOW);
25     delay(100);
26
27     delay(100);
28     for(int i = 0; i <= 3; i++) { //o ---
29         digitalWrite(led, HIGH);
30         delay(400);
31         digitalWrite(led, LOW);
32         delay(100);
33     }
34
35     delay(100);
36     //r .-.
37     digitalWrite(led, HIGH);
38     delay(150);
39     digitalWrite(led, LOW);
40     delay(100);
41     digitalWrite(led, HIGH);
42     delay(400);
43     digitalWrite(led, LOW);
44     delay(100);
```

```
30     delay(400);
31     digitalWrite(led, LOW);
32     delay(100);
33 }
34
35 delay(100);
36 //x .-.
37 digitalWrite(led, HIGH);
38 delay(150);
39 digitalWrite(led, LOW);
40 delay(100);
41 digitalWrite(led, HIGH);
42 delay(400);
43 digitalWrite(led, LOW);
44 delay(100);
45 digitalWrite(led, HIGH);
46 delay(150);
47 digitalWrite(led, LOW);
48 delay(100);
49
50 delay(100);
51 //y -.-
52 digitalWrite(led, HIGH);
53 delay(400);
54 digitalWrite(led, LOW);
55 delay(100);
56 digitalWrite(led, HIGH);
57 delay(150);
58 digitalWrite(led, LOW);
59 delay(100);
60 digitalWrite(led, HIGH);
61 delay(400);
62 digitalWrite(led, LOW);
63 delay(100);
64 digitalWrite(led, HIGH);
65 delay(400);
66 digitalWrite(led, LOW);
67 delay(100);
68
69
70
71
72     delay(5000);
73 }
```

Serial Monitor