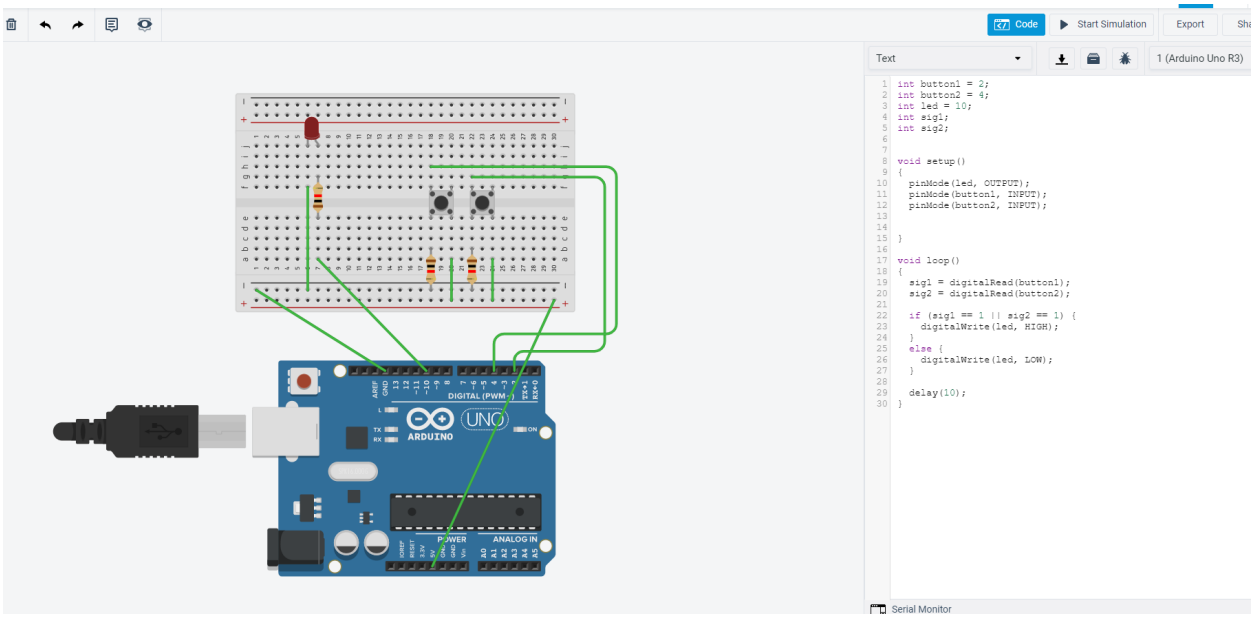
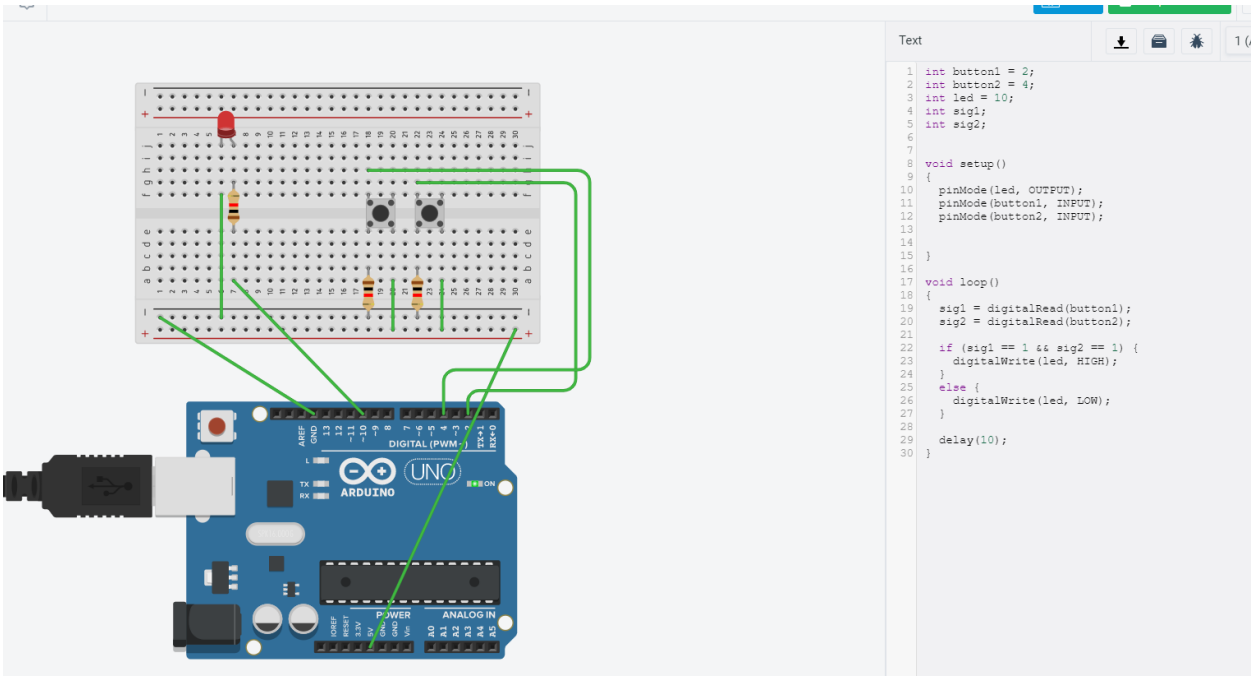
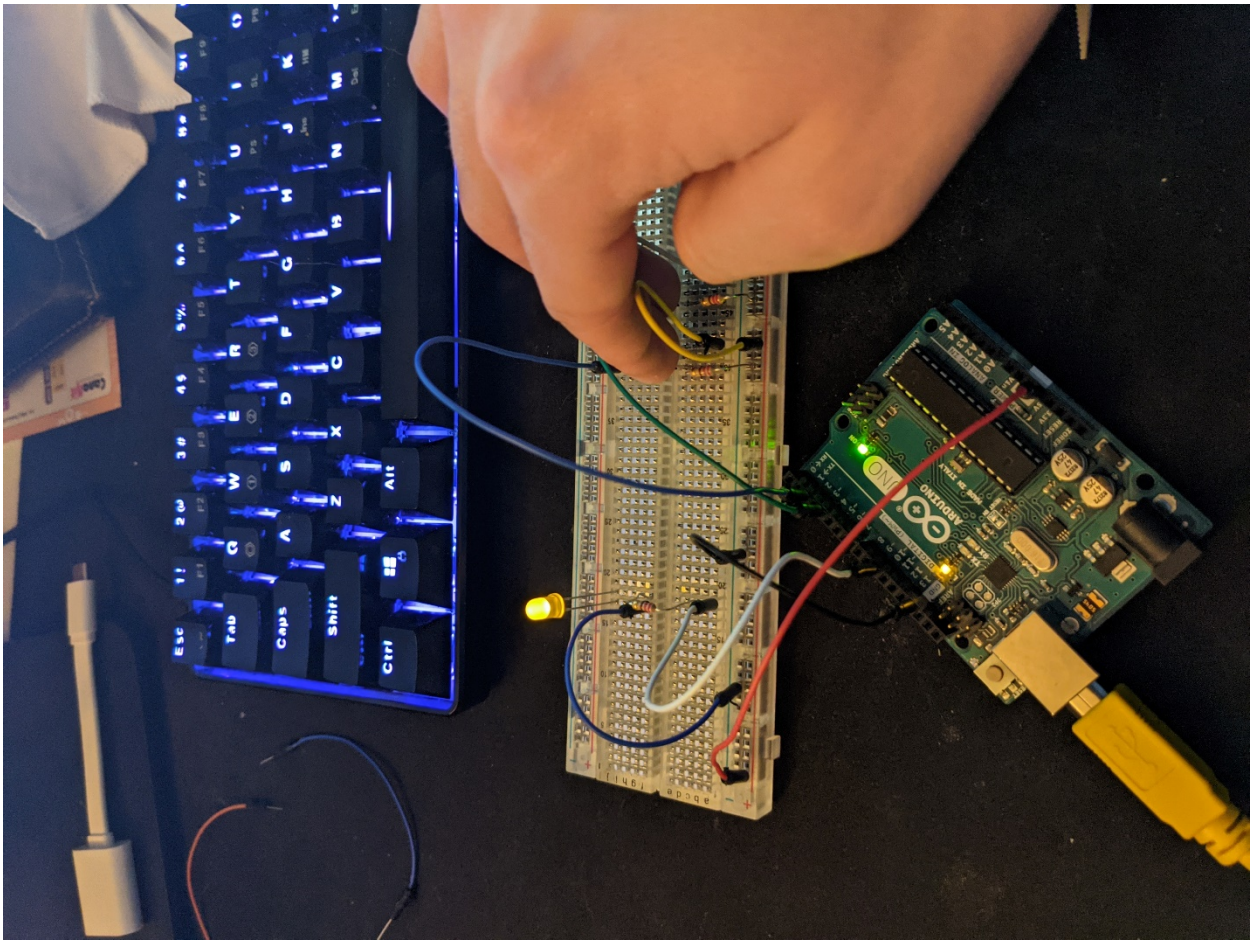
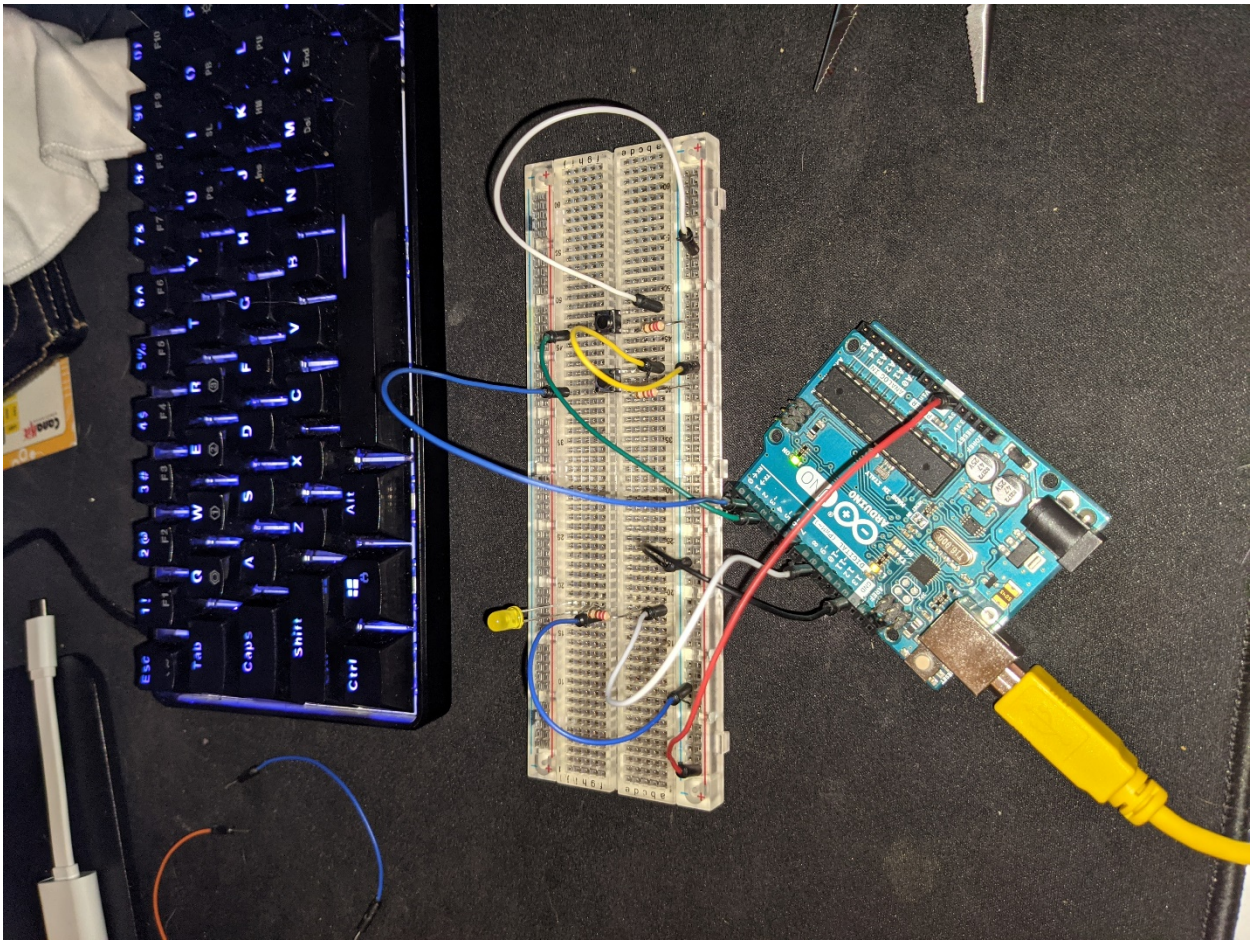
Exercise 1



Exercise 2




Esc
Tab
Caps
Shift
Ctrl
Alt
ARDUINO

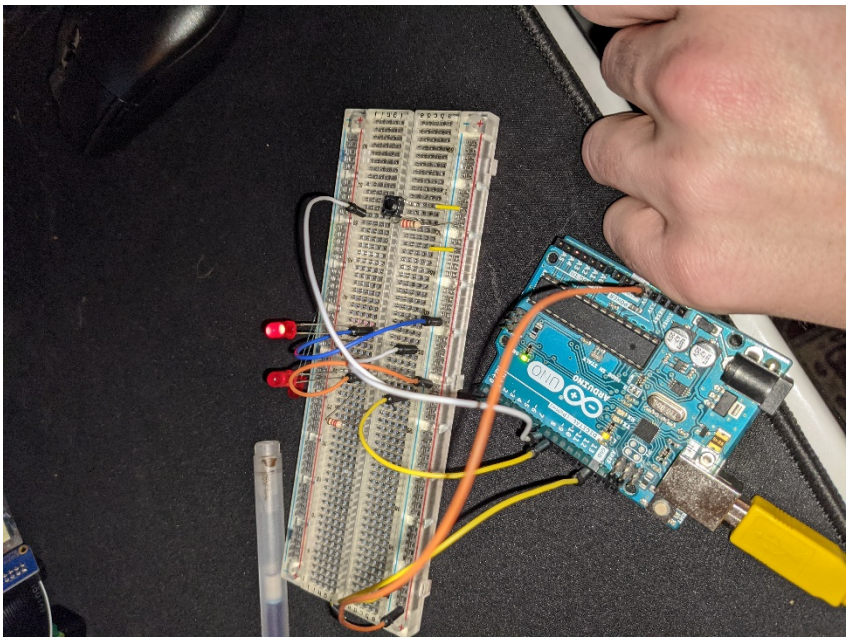
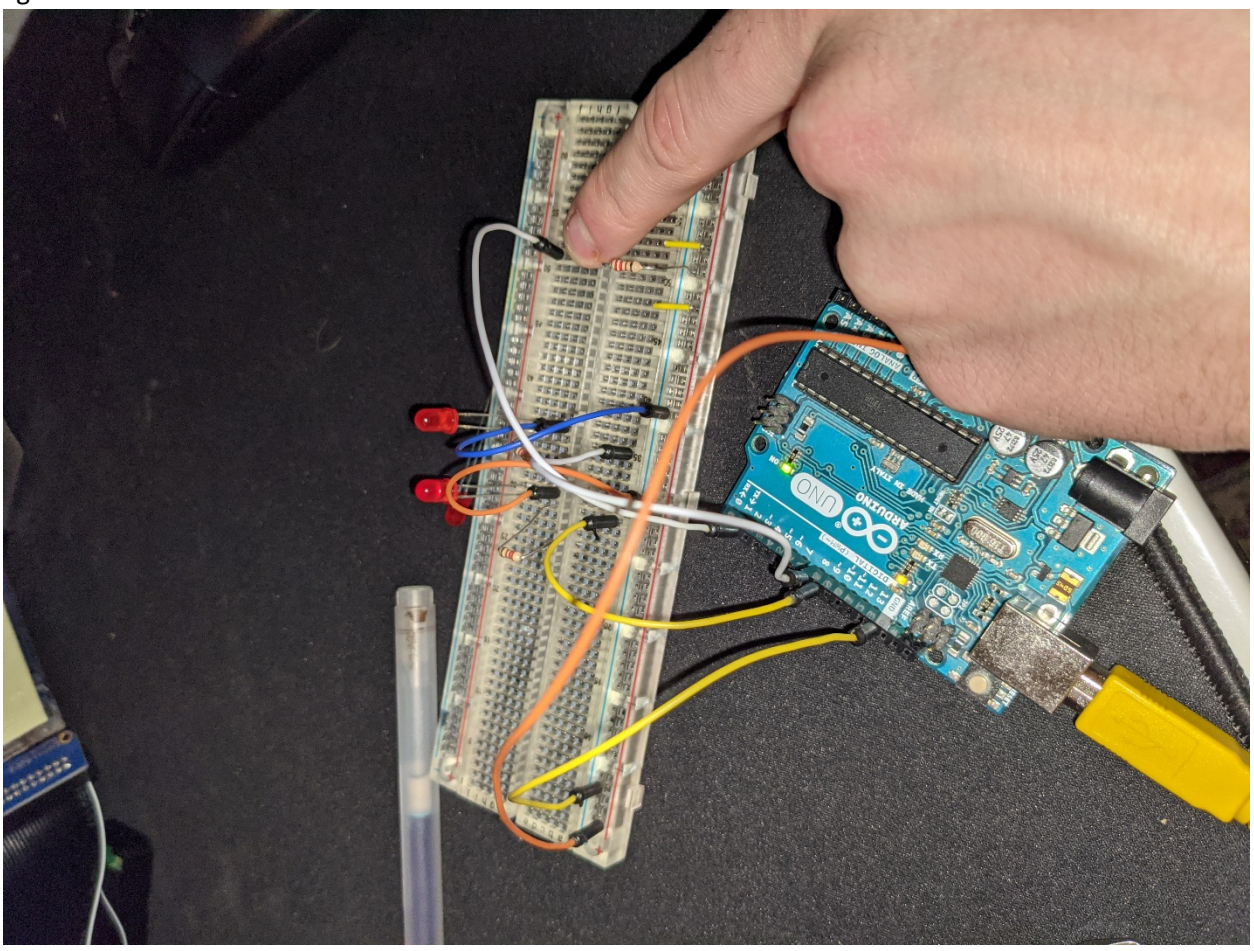

Esc
Tab
Caps
Shift
Ctrl
Alt
ARDUINO

```
 int button1 = 2;
int button2 = 4;
int led = 10;
int sig1;
int sig2;


void setup()
{
  pinMode(led, OUTPUT);
  pinMode(button1, INPUT);
  pinMode(button2, INPUT);


}

void loop()
{
  sig1 = digitalRead(button1);
  sig2 = digitalRead(button2);

  if (sig1 == 1 && sig2 == 1) {
    digitalWrite(led, HIGH);
  }
  else {
    digitalWrite(led, LOW);
  }

  delay(10);
}
```

Exercise 3

sketch_jan26b

```
int led1 = 8;
int led2 = 9;
int button = 2;



void setup() {
  // put your setup code here, to run once:
  pinMode(led1, OUTPUT);
  pinMode(led2, OUTPUT);
  pinMode(button, INPUT);

}

void loop() {
  // put your main code here, to run repeatedly:
  int sig = digitalRead(button);

  if (sig != 1) {
    digitalWrite(led2, LOW);
    digitalWrite(led1, HIGH);
  }
  else {
    digitalWrite(led2, HIGH);
    digitalWrite(led1, LOW);
  }
}
```



The light #2 is dim so it’s hard to see but it does turn on when I push the button. It’s a little brighter than light #1