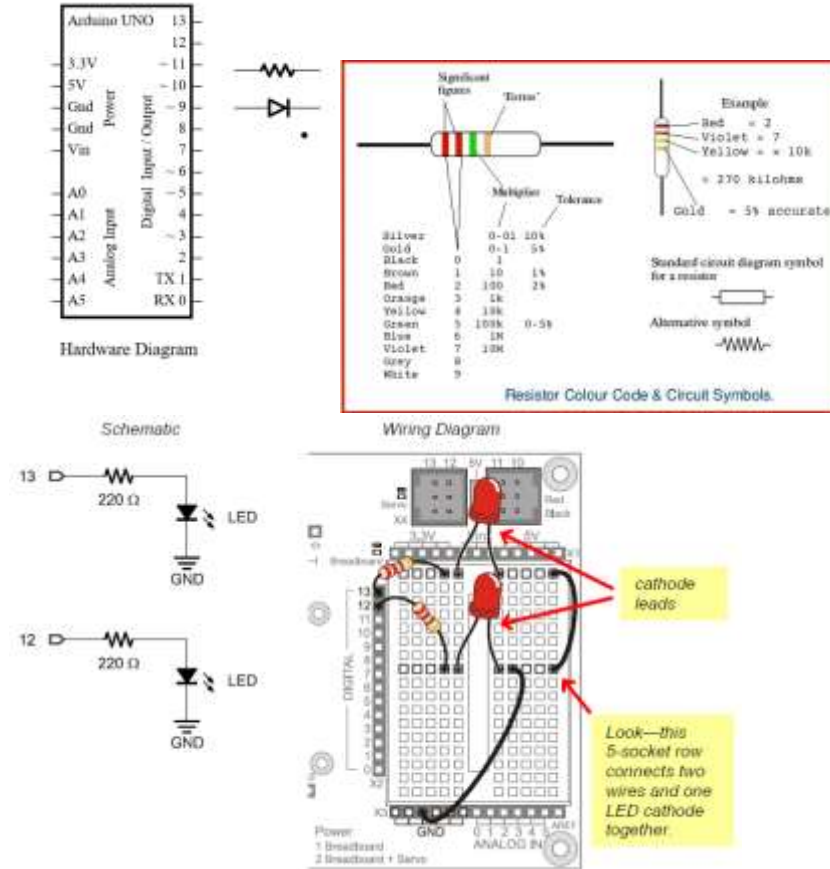
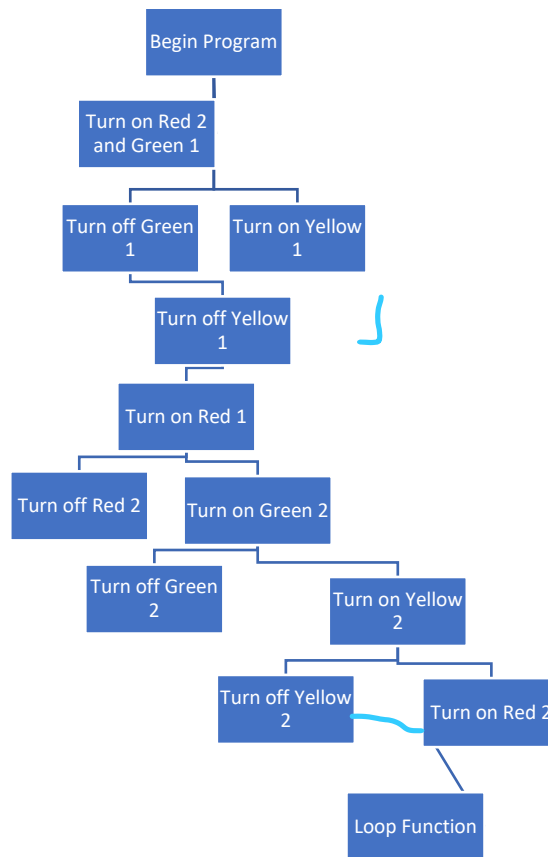


# Hardware Project 1

A.



B.



C.

```
void setup() {  
    pinMode(13, OUTPUT);  
    pinMode(12, OUTPUT);  
    pinMode(11, OUTPUT);  
    pinMode(7, OUTPUT);  
    pinMode(4, OUTPUT);  
    pinMode(2, OUTPUT); //Define outputs  
}  
  
// the loop function runs over and over again forever  
void loop() {  
    digitalWrite(4, HIGH); //Turn on red 2  
    delay(500); //Delay half a second  
    digitalWrite(11, LOW); //Turn off red 1  
    digitalWrite(13, HIGH); //Turn on green 1  
  
    delay(5000); //Run for 5 seconds  
  
    digitalWrite(13, LOW); //Turn off green 1  
  
    digitalWrite(12, HIGH); //Turn on yellow 1  
    delay(1000); //Run for one second  
  
    digitalWrite(12, LOW); //Turn off yellow 1  
  
    digitalWrite(11, HIGH); //Turn on red 1  
    delay(500); //Run for half a second  
    digitalWrite(4, LOW); //Turn off red 2  
    digitalWrite(7, HIGH); //Turn on green 2  
    delay(5000); //Run for 5 seconds  
  
    digitalWrite(7, LOW); //Turn off green 2  
  
    digitalWrite(2, HIGH); //Turn on yellow 2  
    delay(1000); //Run for one second  
  
    digitalWrite(2, LOW); //Turn off yellow 2
```

D.



Video(1).mov