

# ASSIGNMENT-01

## TEAM MEMBERS

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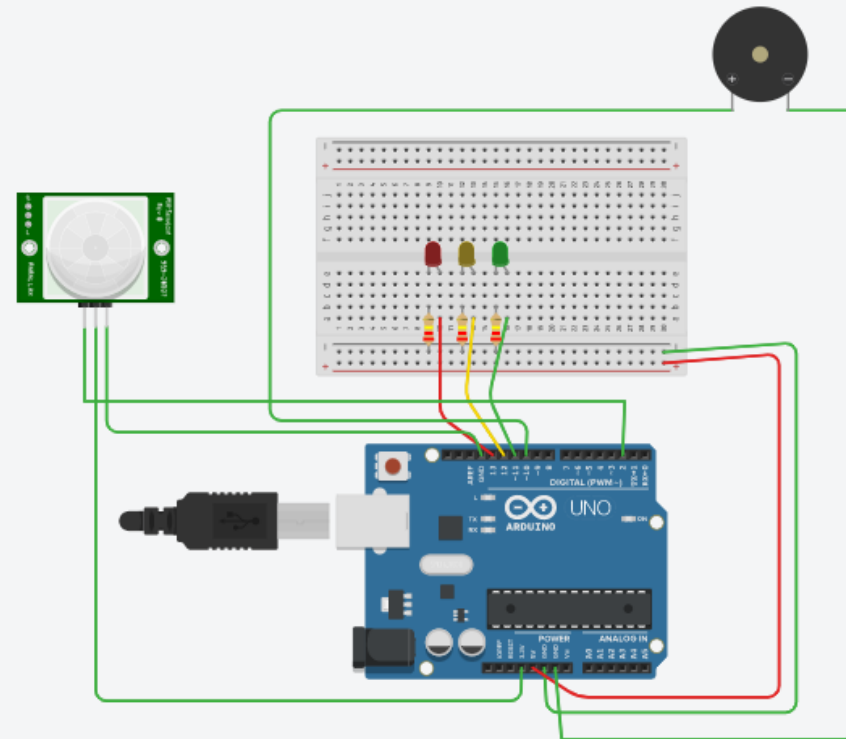
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# CIRCUIT



```
// C++ code
//
int animationspeed = 0;
void setup()
{
  pinMode(LED_BUILTIN, OUTPUT);
  pinMode(12, OUTPUT);
  pinMode(13, OUTPUT);
}
void loop()
{
  animationspeed = 400;
  digitalWrite(LED_BUILTIN,HIGH);
  Delay(animationspeed); // Wait for animationspeed Milliseconds(s)
  digitalWrite(LED_BUILTIN, LOW);
  delay(animationspeed); // Wait for animationspeed millisecond(s)
  digitalWrite(12, HIGH);
  delay(1000 * animationspeed); // Wait for 1000 * animationspeed millisecond(s)
  digitalWrite(12, HIGH);
  digitalWrite(13, HIGH);
  delay(1000 * animationspeed); // Wait for 1000 * animationspeed millisecond(s)
  digitalWrite(13, HIGH);}
}
```