How to Write a Blo...

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All changes saved

Code | Start Simulation | Send To

Text | 1 (Arduino Uno R3)

```
3  int red=7,blue=6,green=5;
4  void setup()
5  {
6    Serial.begin(9600);
7    pinMode(red,OUTPUT);
8      pinMode(blue,OUTPUT);
9    pinMode(green,OUTPUT);
10
11
12  }
13
14  void loop()
15  {
16
17    int force=analogRead(A0);
18    Serial.println(force);
19    if(force>=0 && force<=150){
20      Red();}
21    if(force>150&& force<=300){
22    Yellow();}
23    if(force>300){
24    Green();}
```

Serial Monitor

0
0
0
0
0
0

Send | Clear

28°C
Record high

1:08 PM
12/4/2023

THE CODE

```
int red=7,blue=6,green=5;
void setup()
{
 Serial.begin(9600);
 pinMode(red,OUTPUT);
   pinMode(blue,OUTPUT);
 pinMode(green,OUTPUT);


}

void loop()
{

 int force=analogRead(A0);
 Serial.println(force);
 if(force>=0 && force<=150){
   Red();}
 if(force>150&& force<=300){
Yellow();}
 if(force>300){
```

```
 Green();}


}


  void Red(){
    digitalWrite(red,HIGH);
      digitalWrite(green,LOW);
    digitalWrite(blue,LOW);
  }


  void Yellow (){
    digitalWrite(red,HIGH);
      digitalWrite(green,HIGH);
    digitalWrite(blue,LOW);
  }
void Green(){
    digitalWrite(red,LOW);
      digitalWrite(green,HIGH);
    digitalWrite(blue,LOW);
  }
```