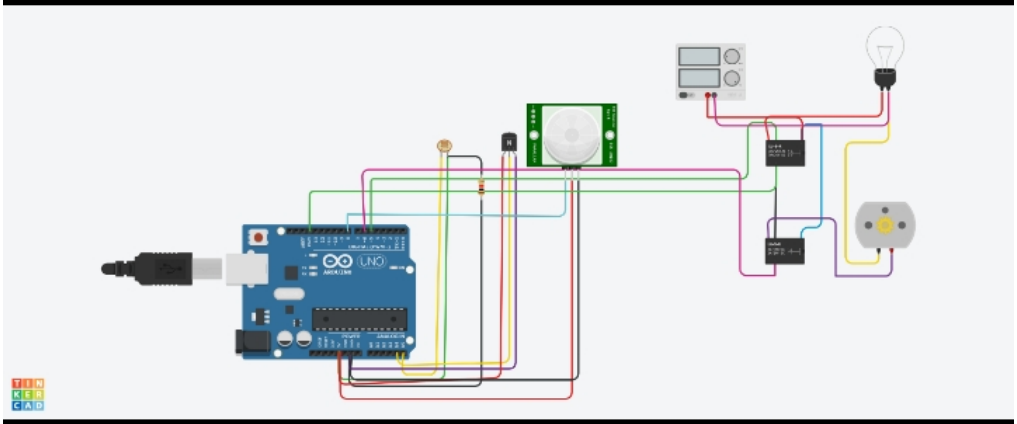
```
if ((y<550)&&(temp>30))
{
digitalWrite(5, HIGH);
digitalWrite(6, HIGH);
}
else if((y<550)&&(temp<30))
{
digitalWrite(5, HIGH);
digitalWrite(6, LOW);
}
else if((y>550)&&(temp>30))
{
digitalWrite(5, LOW);
digitalWrite(6, HIGH);
}
else if((y>550)&&(temp<30))
{
digitalWrite(5, LOW);
digitalWrite(6, LOW);
}
}
else
{
digitalWrite(5, LOW);
digitalWrite(6, LOW);
}
}
```

```
float x, y, z, temp;
void setup()
{
pinMode(8, INPUT);
pinMode (5, OUTPUT);
pinMode(6, OUTPUT);
pinMode(A5, INPUT);
pinMode(A4, INPUT);
Serial . begin(9600);
}
void loop()
{
x=digitalRead(8);
y=analogRead(A5);
z=analogRead(A4);
Serial. println(x);
Serial. println(y);
Serial. println(z);
temp = (double)z / 1024;
temp = temp* 5;
temp = temp -0. 5;
temp = temp * 100;
if   (   (x>0)   )
{
if   ((y<550)&&(temp>30))
{
```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