ASSIGNMENT

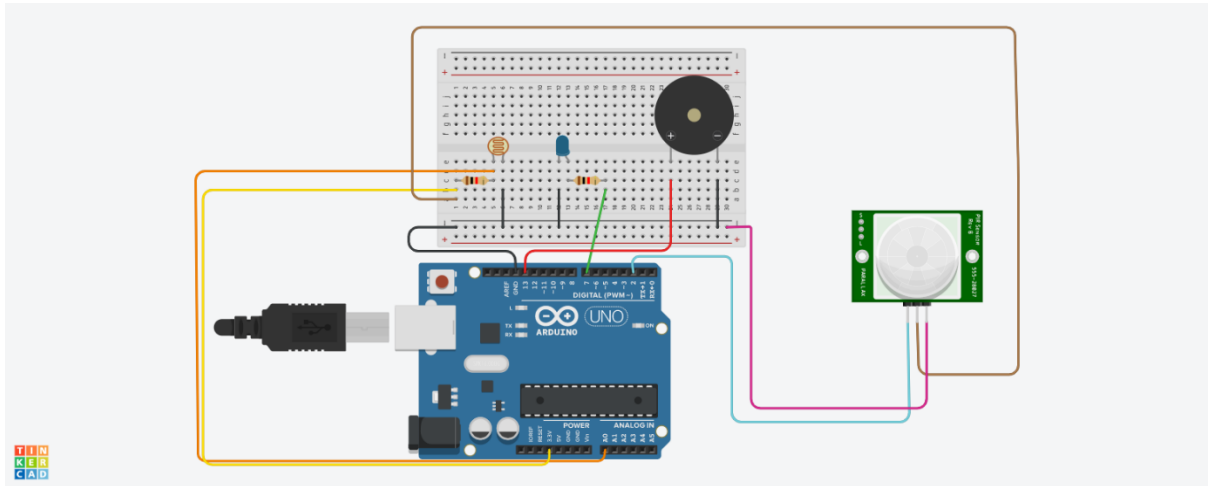## TOUCHLESS DOORBELL AND AUTOMATIC NIGHT LAMP

Circuit Connections:

Coding:

```
void setup()

{

 Serial.begin(9600);

 pinMode(7,OUTPUT);

 pinMode(2,INPUT);

 pinMode(13,OUTPUT);

}

void loop()

{

 int c = analogRead(A0);

 Serial.println(c);

 if(c<500)

 {

  digitalWrite(7,LOW);

 }

 else
```

```
  {
   digitalWrite(7,HIGH);
  }
  {
   if(digitalRead(2)==HIGH)
   {
    digitalWrite(13,HIGH);
   }
   else{
    digitalWrite(13,LOW);
   }
  }
}
```