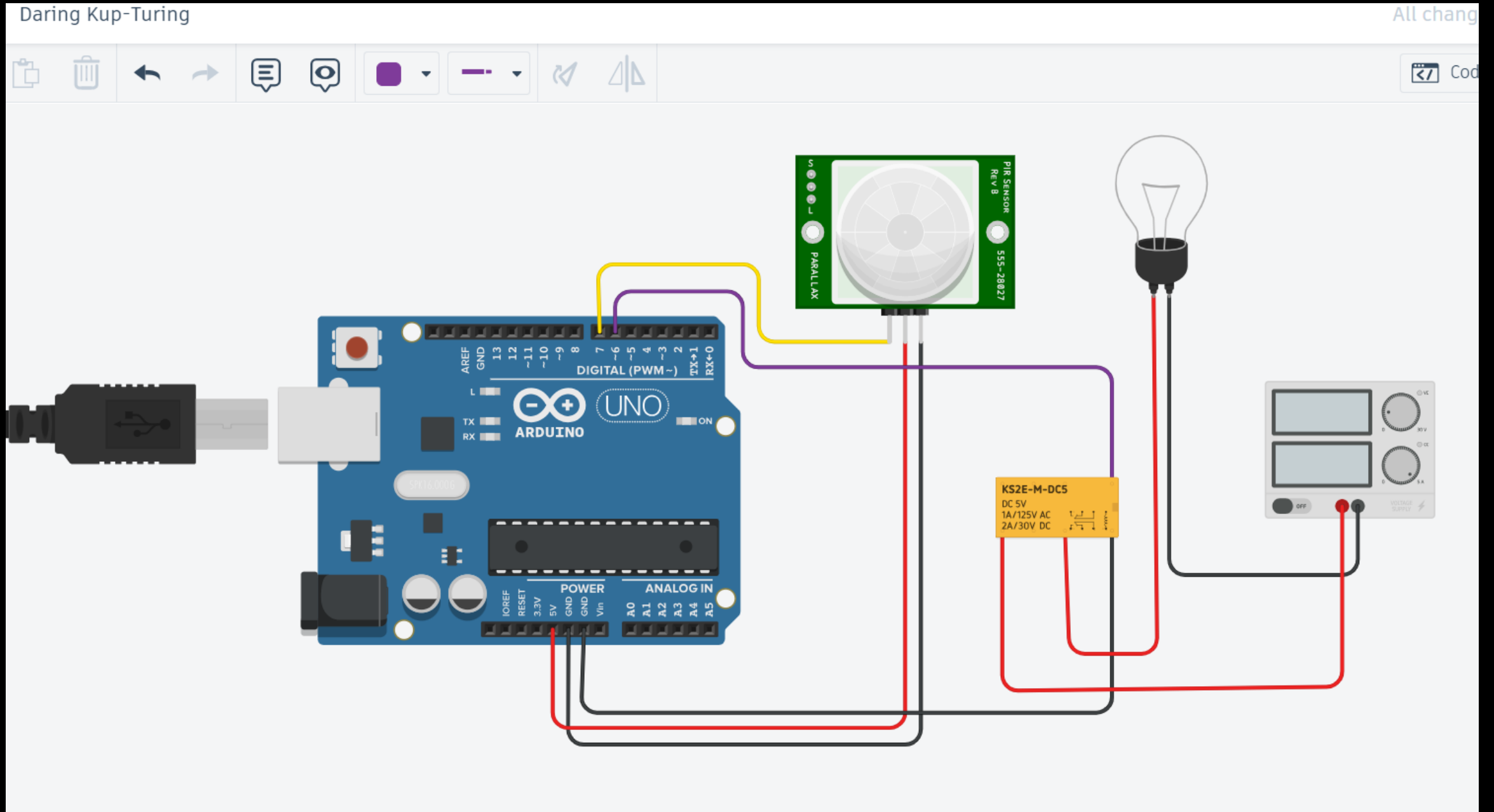# MOTION ACTIVETED LIGHT

MOTION ACTIVETED LIGHT CODE

```
Int relay=6;
int pir=7;
void setup()
{
  Serial.begin(9600);
  pinMode(relay,OUTPUT);
  pinMode(pir,INPUT);
}

void loop()
{
  if (digitalRead(pir)==HIGH){
    Serial.println("MOTION DETECTED");
    digitalWrite(relay,HIGH);
  }
    else
    {
      Serial.println(" NO MOTION DETECTED");
    digitalWrite(relay,LOW);
    }

}
```