

# PANIMALAR ENGINEERING COLLEGE

Department of Electronics and Communication Engineering

## IOT Assignment

**Topic:** Smart Farmer – IOT Enabled Smart Farming Application

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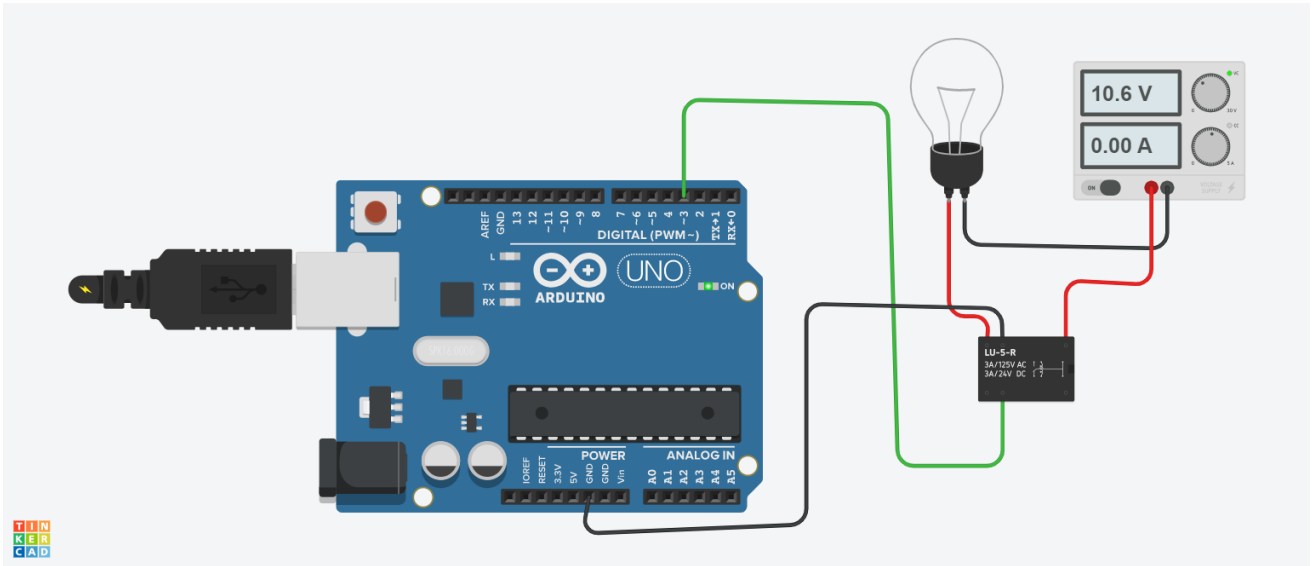
### Code:

```
void setup()
{
  Serial.begin(9600);
  pinMode(3, OUTPUT);
}

void loop()
{
  if(Serial.available()>0)
  {
    String data=Serial.readString();

    if(data == "Light on")
    {
      digitalWrite(3, HIGH);
      Serial.println("Light on");
      delay(100);
    }
    if(data == "Light off")
    {
      digitalWrite(3, LOW);
      Serial.println("Light off");
      delay(100);
    }
  }
}
```

**Output:-**



[https://www.tinkercad.com/things/iFMhhdjqI2R-copy-of-home-automation/editel?sharecode=hIxGvHompfV3\\_OXx9tDfog5e9aVzahaKI85lis0eshE](https://www.tinkercad.com/things/iFMhhdjqI2R-copy-of-home-automation/editel?sharecode=hIxGvHompfV3_OXx9tDfog5e9aVzahaKI85lis0eshE)