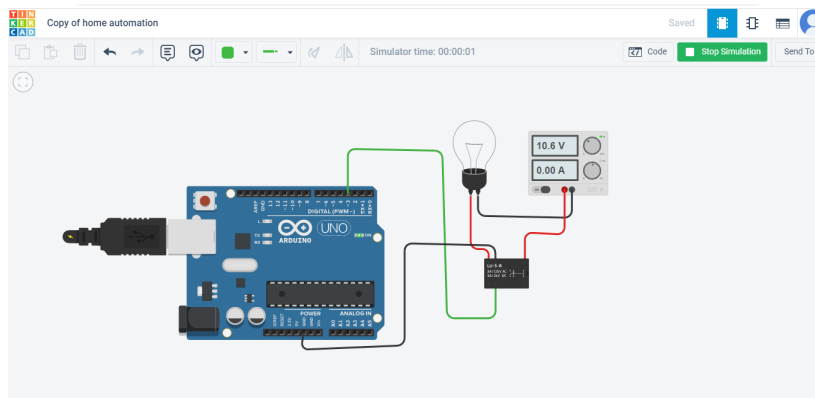(BHOSHIKA M)

IBM-Assignment 1-Smart Home

Project Title:

Real-Time River Water Quality Monitoring And Control System

Team ID:PNT2022TMID29879

Circuit:

Simulation 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);
  }

 }
}
```