

IOT LAB

Program no - 8

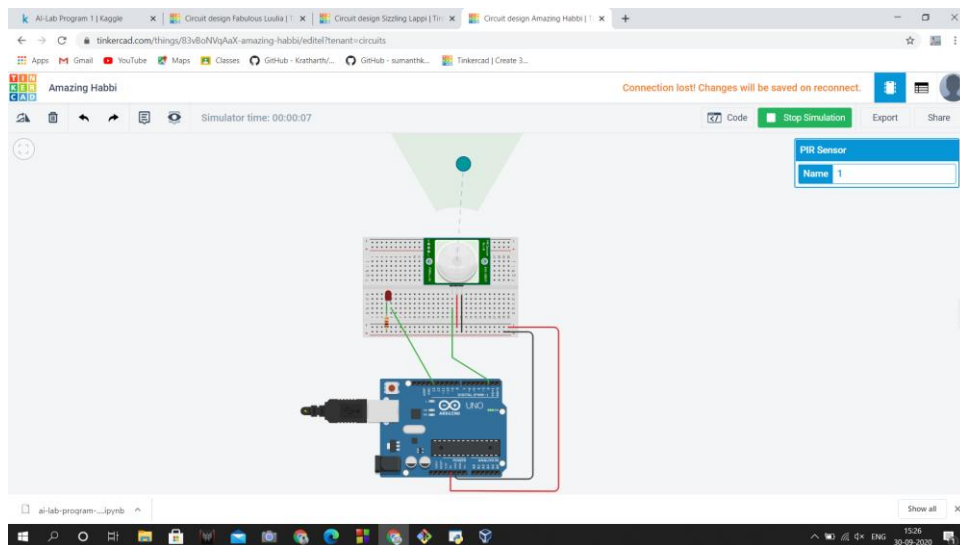
Program Title –PIR SENSOR

AIM – Demonstrate the working of PIR Sensor

Hardware Required -

- Arduino Board
- Breadboard
- Wires
- Pir Sensor
- LED
- Resistor

Circuit Diagram -



Code-

Date: / /

LAB-X

18M180099
SHASHIDHAR PATIL

PIR sensor:

Code:

```
void setup()
{
  pinMode (2, INPUT);
  pinMode (13, OUTPUT);
}

void loop()
{
  int value = digitalRead (2);
  delay (50);
  if (value == HIGH)
  {
    digitalWrite (13, HIGH);
  }
  else
  {
    digitalWrite (13, LOW);
  }
}
```

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Observation /Output -

The working PIR sensor is observed.