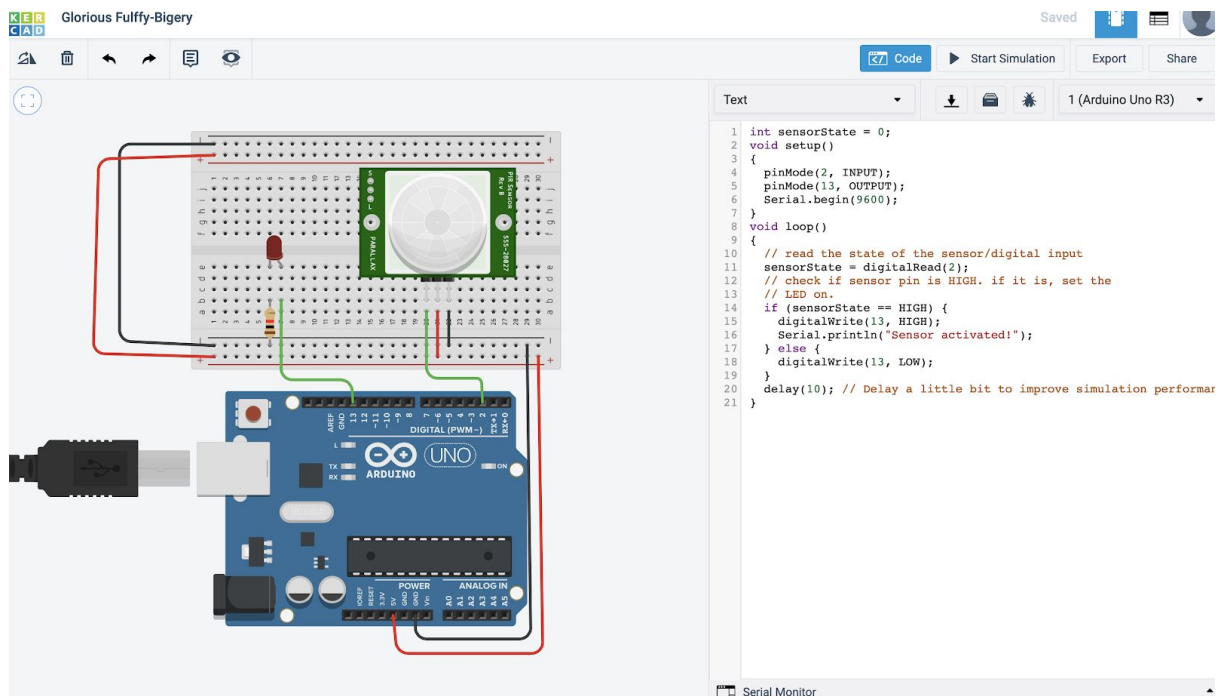# IOT LAB

Program Title –PIR SENSOR

AIM – Demonstrate the working of PIR Sensor Hardware Required -

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

Circuit Diagram -

Code-

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```
int SensSan State = 0;

void Setup ()
{
    pin Mode ( 2, Input);
    Pin Mode ( 13, Output);
    Serial . begin ( 3600);
}

void  loop ()

    SensSan State = digital Read ( 2,
    if  ( Sensor State == High) <
        digital white ( 13, High);
        Serial. print ( " Sensor  activated );
    else  <
        digital white ( 13, low);

    delay (0);
}
```

Observation /Output -

The working PIR sensor is observed.