





Total operating system is only working when and when the PIR sensor is active

Circuit des x IBM x IBM-EPBL x IBM x IBM-EPBL x Add files x IBM-EPBL x IBM x Circuit des x

tinkercad.com/things/lmzxKJWSu9G-copy-of-home-automation-version1/editel?tenant=circuits

Copy of home Automation Version1

Simulator time: 00:00:07.716

Code Stop Simulation Send To

Temperature Sensor [TMP36]
Name 2

Components Basic

Search

Resistor LED Pushbutton

Potentiometer Capacitor Slideswitch

9V Battery Coin Cell 3V Battery 1.5V Battery

Breadboard Small micro:bit Arduino Uno R3

Vibration Motor DC Motor Micro Servo

when the temperature of the sensor is more than 30°C then automatically fan will on

Circuit des x IBM x IBM-EPBL x IBM x IBM-EPBL x Add files x IBM-EPBL x IBM x Circuit des x

tinkercad.com/things/ImzxKJWSu9G-copy-of-home-automation-version1/editel?tenant=circuits

Copy of home Automation Version1

Simulator time: 00:00:34.826

Code Stop Simulation Send To

PIR Sensor

Name	1
Target X	-18.10
Target Y	-136.72
Target Y	-136.72
Target Y	-137.10

Components Basic

Search

Resistor LED Pushbutton

Potentiometer Capacitor Slideswitch

9V Battery Coin Cell 3V Battery 1.5V Battery

Breadboard Small micro:bit Arduino Uno R3

Vibration Motor DC Motor Micro Servo

when LDR detected dark it will turn on light bulb

Circuit des x IBM x IBM-EPBL x IBM x IBM-EPBL x Add files v x IBM-EPBL x IBM x Circuit des x +

tinkercad.com/things/ImzxKJWSu9G-copy-of-home-automation-version1/editel?tenant=circuits

Copy of home Automation Version1

Simulator time: 00:00:57.783

Code Stop Simulation Send To

Photoresistor
Name 1

Components Basic

Search

Resistor LED Pushbutton

Potentiometer Capacitor Slideswitch

9V Battery Coin Cell 3V Battery 1.5V Battery

Breadboard Small micro:bit Arduino Uno R3

Vibration Motor DC Motor Micro Servo

Bulb automatically turn off at day time

Circuit des x IBM x IBM-EPBL x IBM x IBM-EPBL x Add files v x IBM-EPBL x IBM x Circuit des x +

tinkercad.com/things/ImzxKJWSu9G-copy-of-home-automation-version1/editel?tenant=circuits

Copy of home Automation Version1

Simulator time: 00:01:17.956

Code Stop Simulation Send To

Components Basic

Search

Resistor LED Pushbutton

Potentiometer Capacitor Slideswitch

9V Battery Coin Cell 3V Battery 1.5V Battery

Breadboard Small micro:bit Arduino Uno R3

Vibration Motor DC Motor Micro Servo

whole system will turn off when on one is infront of PIR sensor

Circuit des x IBM x IBM-EPBL x IBM x IBM-EPBL x Add files x IBM-EPBL x IBM x Circuit des x

tinkercad.com/things/lmzxKJWSu9G-copy-of-home-automation-version1/editel?tenant=circuits

Copy of home Automation Version1

Simulator time: 00:00:34.826

Code Stop Simulation Send To

PIR Sensor

Name	1
Target X	-18.10
Target Y	-136.72
Target Y	-136.72
Target Y	-137.10

Components Basic

Search

Resistor LED Pushbutton

Potentiometer Capacitor Slideswitch

9V Battery Coin Cell 3V Battery 1.5V Battery

Breadboard Small micro:bit Arduino Uno R3

Vibration Motor DC Motor Micro Servo

working state