1. Develop a circuit which can monitor PPM in air in real time, tell the quality of air to a LCD.
2. Develop a smoke level detector using gas sensor and Buzzer by making a threshold value.
3. Describe the applications of MQ-135 Gas sensor
4. Design a circuit using Flame sensor
   1. If holding a flame within 1.5 feet in front of the sensor; "case 0" will be activated and " \*\* Close Fire \*\* " will be sent to the serial monitor and buzzer will be activated.
   2. If holding a flame between 1.5 feet and 3 feet in front of the sensor; "case 1" will be activated and " \*\*Distant Fire\*\* " will be sent to the serial monitor and red LED will get on.
   3. If no flame is detected in front of the sensor; "case 2" will be activated and " No Fire " will be sent to the serial monitor and green LED will get on.
5. Explain Flame sensor with examples?