```cpp
// C++ code
//
void setup()
{
  Serial.begin(9600);
  pinMode(2,INPUT);
  pinMode(3,OUTPUT);
  pinMode(A1,INPUT);
  pinMode(13,OUTPUT);

}

void loop()
{
  int val2=digitalRead(2);
  delay(1000);
  if(val2==1)
  {
    Serial.println(" || Motion Detected");
    digitalWrite(3,HIGH);
  }
  else
  {
    Serial.println(" || NO motion Detected");
    digitalWrite(3,LOW);
  }
  int val1=analogRead(A1);
  if(val1>250)
  {
    Serial.print(" || Fire Detected =");
    Serial.print(val1);
```

```
    tone(8,650);
  }
  else
  {
   Serial.print(" || No fire Detected");
  }
 delay(500);
 noTone(8);
}
```