

```

/*
  This program is to test Mic Sensor interfacing with Arduino

  Developed by: Team UTD - Hubli
               12 - June - 2019

  Connect VCC of Mic sensor to +5V of Arduino board
  Connect GND of Mic Sensor to GND of Arduino board
  Connect D2 Pin of Mic sensor to DO pin of Arduino board

  Upload the code and check in Serial Monitor.
*/

#define MICpin 2 //MIC module Do pin is connected to digital pin 2 in
Arduino

void setup()          //This executes once in a program execution
{
  Serial.begin(9600);    //set boadrate as 9600 to start Serial Monitor
  pinMode(MICpin, INPUT); //define sensor pin 2 as input
}

void loop()
{
  bool MICstatus = digitalRead(MICpin); //Read the status from the Pin A0
  and store into bool variable MICstatus
  if (MICstatus == LOW) //if Mic module status is low then detected
  {
    Serial.println("SOund Detected"); //If sound is detected then displad
in serial monitor
  }
  delay(15); //delay, 0.015seconds
}

```