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/*
 * This program is to test DHT11 Sensor interfacing with Arduino
 *
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 *
 * Connect VCC of Temp and Humidity sensor to +5V of Arduino board
 * Connect GND of Temp and Humidity Sensor to GND of Arduino board
 * Connect DATA of Temp and Humidity sensor to A0 pin of Arduino board
 *
 * Upload the code and check in Serial Monitor.
 */

#include <dht.h>
dht DHT;                  //Declaring DHT library
#define DHT11_PIN 4       //digital pin 4 is taken for connecting sensor

void setup()              //This executes only once in program execution
{
  Serial.begin(9600);                   //Setting the baudrate to 9600
to start Serial Monitor
  Serial.println("DHT TEST PROGRAM ");     //printing DHT TEST PROGRAM on
Serial monitor
}
void loop()
{
  DHT.read11(DHT11_PIN);                //Reading the value from the Pin
4
  Serial.print("Temperature is :");
  Serial.println(DHT.temperature, 2);   //Printing the Temperature Read
from the Sensor
  Serial.print("C,\t");
  Serial.print("Humidity is :");
  Serial.print(DHT.humidity, 2);        //Printing the Humidity Read from
the Sensor
  Serial.print("%,\n");
  delay(1000);                          // 1 sec delay for next
itteration
}
```