

```

#include
<SoftwareSerial.h>

SoftwareSerial bt(8, 9); // RX, TX
#include <LiquidCrystal.h>
#include "dht.h"
#define dataPin A0
LiquidCrystal lcd(2, 3, 4, 5, 6, 7);
dht DHT;
int temp;
int hum;
void setup() {

    Serial.begin(9600);
    bt.begin(9600);
    Serial.println("Ready");

    lcd.begin(16,2);
    lcd.setCursor(0,0);
    lcd.print(" WELCOME To My ");
    lcd.setCursor(0,1);
    lcd.print("YouTube Channel");
    delay(2000);
    lcd.clear();
}
void loop(){
    int readData = DHT.read11(dataPin);
    hum = DHT.humidity;
    temp = DHT.temperature;

    lcd.setCursor(0,0);
    lcd.print("Humidity: ");
    lcd.print(hum);
    lcd.print("% ");
    lcd.setCursor(0,1);
    lcd.print("Temp: ");
    lcd.print(temp);
    lcd.print((char)223); //degree symbol
    lcd.print("C ");
    bt.print(temp); //send distance to MIT App
    bt.print(";");
    bt.print(hum); //send distance to MIT App
    bt.println(";");
}

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    delay(1000);  
}
```