```cpp
#include <LiquidCrystal_I2C.h>
#include <dht11.h>
#define DHT11PIN A0

dht11 DHT11;
LiquidCrystal_I2C lcd(0x27, 16, 2);

void setup() {
  Serial.begin(9600);
  Serial.println();



  lcd.init();
  lcd.backlight();
  lcd.setCursor(1, 0);
  lcd.print("Weather Box");
  delay(1000);
  lcd.clear();

}

void loop() {

  int chk = DHT11.read(DHT11PIN);

  Serial.print("Humidity (%): ");
  Serial.println((float)DHT11.humidity, 2);

  Serial.print("Temperature  (C): ");
  Serial.println((float)DHT11.temperature, 2);

  lcd.setCursor(1, 0);
  lcd.print("Humidity(%): ");
  lcd.setCursor(1,1);
  lcd.print((float)DHT11.humidity, 2);

  delay(2000);
  lcd.clear();

  lcd.setCursor(1, 0);
  lcd.print("Temperature(C): ");
  lcd.setCursor(1,1);
  lcd.print((float)DHT11.temperature, 2);

  delay(2000);
  lcd.clear();
}
```