IOTL\_Group\_B\_Assignment\_no\_10\_&\_12

10. Write a program read the temperature sensor and send the values to the serial monitor on the computer

Tools -> Serial Monitor ( To see output )

12. Write a program to show the temperature and shows a graph of the recent measurements

Tools -> Serial Plotter ( To see output )

#include <dht.h>

dht DHT;

#define DHT11\_PIN A1

void setup()

{

Serial.begin(9600);

Serial.println("Humidity (%),\tTemperature (C)");

}

void loop()

{

// READ DATA

int chk = DHT.read11(DHT11\_PIN);

// DISPLAY DATA

Serial.print(DHT.humidity, 1);

Serial.print("\t");

Serial.println(DHT.temperature, 1);

delay(1000);

}