IOTL\_Group\_B\_Assignment\_No\_11

11. Write a program so it displays the temperature in Fahrenheit as well as the maximum and

minimum temperatures it has seen

#include <dht.h>

dht DHT;

#define DHT11\_PIN A1

float min\_t,max\_t;

void setup()

{

Serial.begin(9600);

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

min\_t = 0xffff;

max\_t=0x00;

}

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);

Serial.println("\t");

Serial.println((DHT.temperature\*1.8)+32, 1);

Serial.println("\t");

delay(1000);

}

//

// END OF FILE

//