#include <NTPClient.h>

#include <WiFiUdp.h>

#include "satelite.h"

// Initialize WiFi and NTP Client

WiFiUDP ntpUDP;

NTPClient timeClient(ntpUDP, "pool.ntp.org", 0, 60000); // GMT, update every 60 seconds

int hours, minutes;

int Timer\_h, Timer\_m;

int adj;

int adj0 = 0; // added

void setup\_time(bool x) {

if (x == true) {

timeClient.begin();

}

}

int prog(int hr, int set\_hr, int rm, int m\_on) {

Timer\_h = ((hr % set\_hr) == 0) ? 1 : 0;

Timer\_m = (rm < m\_on) ? 1 : 0;

adj = ((Timer\_h == 1) && (Timer\_m == 1)) ? 1 : 0;

////////////start///////////////

if ((Timer\_h == 1)) {

if ((rm >= m\_on) && (rm <= (2 \* m\_on))) {

adj0 = 1;

} else {

adj0 = 0;

}

} else {

adj0 = 0;

}

//////////////end ////////////

return adj;

}

void update\_tim(bool x) {

if (x == true) {

// Get current hours and minutes

timeClient.update();

hours = timeClient.getHours() + 1;

minutes = timeClient.getMinutes();

} else {

hours = chs;

minutes = cms;

}

}