







ax (g)	ay (g)	az (g)	gx (°/s)	gy (°/s)	gz (°/s)	Label
0.02	-0.01	0.00	0.5	-0.2	0.0	0
0.03	-0.02	0.01	0.6	-0.1	0.2	0
0.10	-0.05	0.20	1.2	0.5	0.8	1
0.01	0.00	-0.02	0.4	-0.3	-0.1	0
0.90	-0.60	0.70	25.0	-12.0	7.0	1

Table no:7.2 Real time readings.

```
Sample_prog
WiFi.begin(ssid, pass);
Serial.print("Connecting to WiFi");

unsigned long startAttemptTime = millis();
while (WiFi.status() != WL_CONNECTED && millis() - startAttemptTime < 10000) {
    Serial.print(".");
    delay(500);
}

if (WiFi.status() != WL_CONNECTED) {
    Serial.println("\nWiFi Failed! Check connection!");
} else {
    Serial.println("\nWiFi Connected!");
}

// --- Blynk connection ---
Blynk.config(auth);
Blynk.connect();

// --- DHT11 init ---
dht.begin();

// --- MPU6050 init ---
//const int mpu6050_sda = 21;
//const int mpu6050_scl = 22;
//const int mpu6050_int = 23;

Failed to read from DHT sensor!
Ax: 1.43 Ay: -3.92 Az: 8.41 | Vibration: 9.39
Failed to read from DHT sensor!
Ax: -4.03 Ay: -5.81 Az: 6.14 | Vibration: 9.37
Failed to read from DHT sensor!
Ax: -3.75 Ay: -5.79 Az: 6.13 | Vibration: 9.23
Failed to read from DHT sensor!
Ax: -4.11 Ay: -6.01 Az: 5.84 | Vibration: 9.33
Failed to read from DHT sensor!
Ax: -4.01 Ay: -6.12 Az: 5.79 | Vibration: 9.33
Failed to read from DHT sensor!
Ax: -4.19 Ay: -6.00 Az: 5.44 | Vibration: 9.12
Failed to read from DHT sensor!
Ax: -4.16 Ay: -5.51 Az: 5.89 | Vibration: 9.08
Failed to read from DHT sensor!

Writing at 0x000c73b4 [=====
Writing at 0x000cd97 [=====
Writing at 0x000d3150 [=====
Writing at 0x000db2be [=====
Writing at 0x000e05a3 [=====
Writing at 0x000e5c4a [=====
Writing at 0x000eb757 [=====
Writing at 0x000f0f0f [=====
Writing at 0x000f6e77 [=====
Writing at 0x000f7eb0 [=====] 100.0% 607804/607804 bytes...
Wrote 948400 bytes (607804 compressed) at 0x00010000 in 8.9 seconds (847.8 kbit/s).
Hash of data verified.

Hard resetting via RTS pin...

```

COM7

Newline 115200 baud Clear output

ESP32 Dev Module, Disabled, Disabled, Default 4MB with softfs (1.2MB APP/1.5MB SPIFFS), 240MHz (D/F/B/T), QIO, 80MHz, 4MB (27Mio), 921600, Core 1, None, Disable

Acceleration Readings from MPU6050

