

```

unsigned long time, date;
void setup()
{
  gpsSerial.begin(9600); // GPS-qabul qiluvchi bilan almashuv tezligi
  Serial.begin(9600);
  Serial.println("Waiting data of GPS...");
}
void loop ()
{
  // koordinatalarning yangilanish orasida sekundga ushlanish
  if (millis() - start > 1000)
  {
    newdata = readgps();
    if (newdata)
    {
      start = millis();
      gps.get_position(&lat, &lon);
      gps.get_datetime(&date, &time);
      Serial.print("Lat: "); Serial.print(lat);
      Serial.print(" Long: "); Serial.print(lon);
      Serial.print(" Date: "); Serial.print(date);
      Serial.print(" Time: "); Serial.println(time);
    }
  }
  // axborotlar mavjudligini tekshirish
  bool readgpsO
  {
    while (gpsSerial.available())
    {
      int b = gpsSerial.read();
      //v TinyGPS xatolik bor: s \g i \p axborotlarga ishlov berilmayapti
      if ('\r' != b)
      {
        if (gps.encode(b))
          return true;
      }
    }
    return false;
  }
}

```