AhmedOsama\_ RonBroomstick

How it works:

* Initialize the IMU
* Configure the Gyroscope to work on Full Scale Range of 500 degree/sec
* Calibrate the IMU
* Calculate time taken each sensor reading
* Reading from gyroscope
* Calculate the angular velocity
* Calculate pitch and roll
* If one of the two angles exceeds 60 degree the red led flashes