**‘ARM mbed’ Example Codes**

You can find the list of APIs of mebd OS5

* <https://os.mbed.com/docs/mbed-os/v5.13/apis/index.html>

Also, there are many more examples found in

* <https://os.mbed.com/code/>
* <https://os.mbed.com/teams/ST/code/>

|  |  |
| --- | --- |
| **GPIO LED control** | |
| **Blinking** | **LED control with a button** |
|  |  |
| **UART (polling)** | |
| **Writing to PC** | **Receiving from PC** |
|  |  |
| **Analog Measurement** | |
| **Measuring Analog Voltage** | |
|  | |
| **PWM** | |
| **Period and pulse-width setting** | |
|  | |
| **Interrupt(external)** | |
| **Edge trigger Handler** | |
|  | |
| **Timer** | |
| **Measuring Time** | **Ticker: Timer interrupt** |
|  |  |