Task 1: Moving robot

**Modules :**

* Motors
* LCD
* Timer

**Motor APIs: each motor is set individually to HIGH (running) or LOW (stop) inside the APIs**

* Motor\_init()
* Motor\_to\_direction( <direction>) <direction> = forward, backward , left , right
* Motor\_getState()
* Motor\_setState()
* Motor\_getDirection()
* Motor\_rotate90()

**LCD APIs:**

* LCD\_inti()
* LCD\_display( < Moto\_getState(),Motor\_getDirection()> )

**Timer APIs:**

* Timer\_init()
* Timer\_start(<time>) <time >= time to count in seconds
* Timer\_PWM(<duty cycle>) <duty cycle > = speed percentage , i.e. 50% ,20%...
* Timer\_isExpired()

