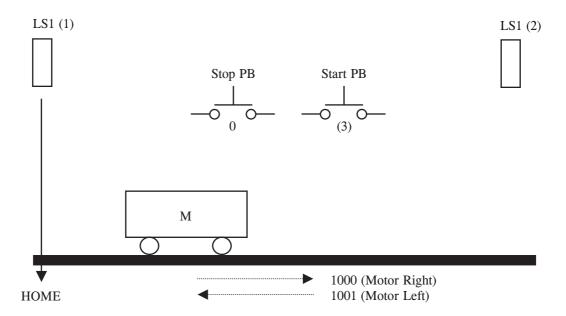
6. APPLICATION EXAMPLES OF BASIC COMMANDS

Application #9: A Simple Sequence Control Concept

When the start button is pushed, the motor (M) will move from left to right. When LS2 is ON, the Motor stops, delay for 5 seconds and then moves back to Home. When LS1 (Home) is ON, Motor cuts off, signifying that the sequence is completed.



• I/O Assignment

Input	Devices	Output	Devices	
00000	Stop PB	01000	Motor (right)]
00001	LS1 (HOME)			
00002	LS2	01001	Motor (Left)]
00003	Start PB			
Start	PB LS1 1000	2 LS2	1000	Motor (Right)
	2		TIM0 #50	5 sec Delay
TIM	001	LS1	1001	Motor (Left)
ı				