# Requirements:

1. 5 floors in the lift system. (ground, first, second, third, fourth, fifth)
2. Enter a lift, press button for desired floor, go to desired floor.
3. Call a lift, to a desired floor. Do operation 2.

# States:

* 3 major states, idle, running, fault.
* idle state: do nothing, wait for input
* running state: respond to the input
* fault: go to ground