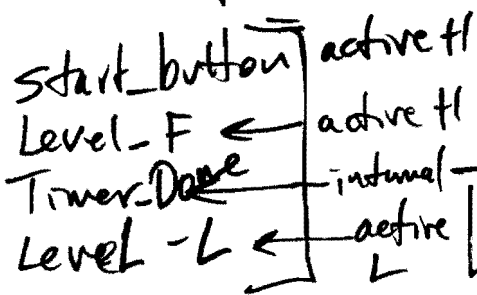
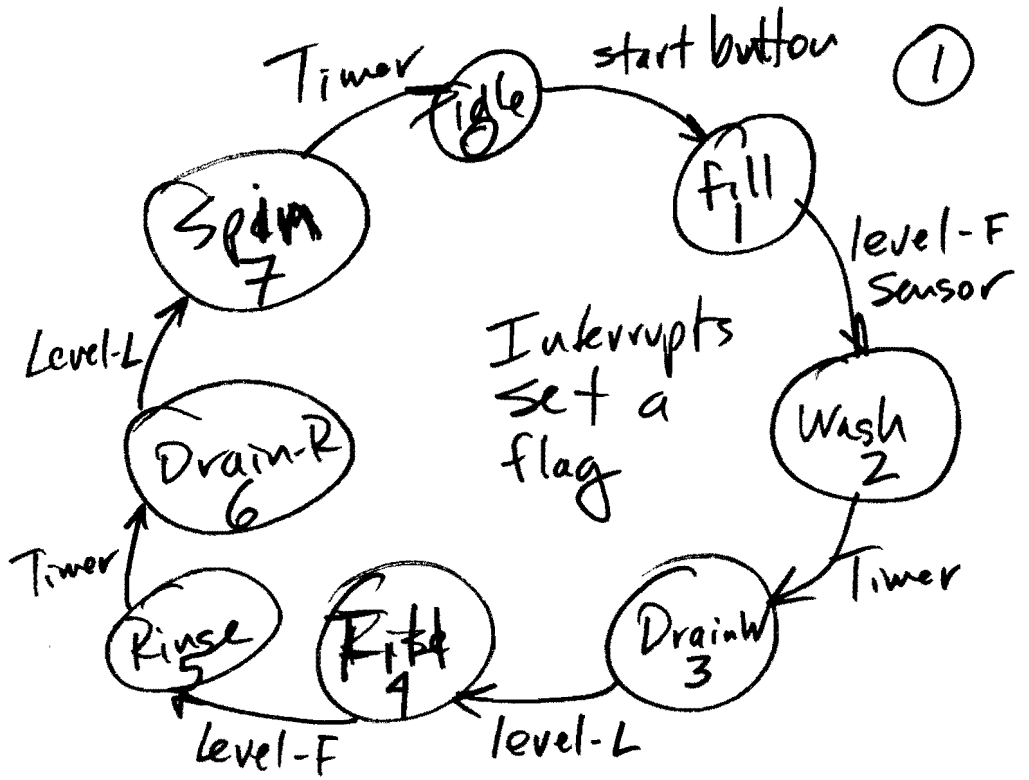


# ECGR 4101/5101 - Extra Notes - Lecture 25

Idle  
 Fill  
 Wash  
 Drain-w  
 Fill  
 Rinse  
 Drain-R  
 Spin



Switch(cur\_state)

```

0:
if (start_button)
  Turn-on-water;
  cur_state = 1;
  }
  
```

```

1:
if (Level-F)
  Turn-off-water;
  start_motor;
  start_timer;
  cur_state = 2;
  }
  
```

```

2:
if (Timer-Done)
  stop_motor;
  open_valve;
  Turn-on-pump;
  Turn-off-timer;
  cur_state = 3;
  }
  
```

```

7:
if (Timer-Done)
  open_valve;
  stop_motor;
  Turn-on-pump;
  wait 5 sec;
  Turn-off-pump;
  close_valve;
  cur_state = 0;
  }
  
```