

02_WASH

on PORTB

set bits 0, 1, 2, 3, 4 **as** input (START, FILL, TEMP, DONE)

on PORTD

set bits 0, 1, 2, 3 **as** output (WATER, W_DIR, HEAT, POWDER)

START is off

?

turn on WATER **and** W_DIR

FILL is off

?

turn off WATER **and** W_DIR

turn on HEAT

TEMP is off

?

turn off HEAT

turn on POWDER

wait 1s

turn off POWDER

DONE is off

?

turn on WATER