



This project needs to use the motor driver board as the Arduino does not put out enough current to drive the motor.  
 Use "MOTOR-A", OR "MOTOR-B", not a combination of both. Make sure to connect the VCC (+ve) and GND (-ve).

```

    setup
    int = variable waterIn
    int = value 4
    int = variable waterOut
    int = value 5
    int = variable soap
    int = value 6
    int = variable standby
    int = value 7
    int = variable fwd
    int = value 8
    int = variable rev
    int = value 9
    int = variable button
    int = value 11

    loop
    digitalWrite() # standby HIGH
    while test digitalRead() # button = LOW
    while Commands delay ms milliseconds 10
    delay ms milliseconds 200
    digitalWrite() # standby LOW
    Fill
    Commands
    digitalWrite() # waterIn HIGH
    delay ms milliseconds 4000
    digitalWrite() # waterIn LOW
    SoapIn
    Commands
    digitalWrite() # soap HIGH
    delay ms milliseconds 1000
    digitalWrite() # soap LOW
    Drain
    Commands
    digitalWrite() # waterOut HIGH
    delay ms milliseconds 4000
    digitalWrite() # waterOut LOW
    
```

See page two.....



continued .....

