**Brewing Machine Pseudocode**:

1. Display current time.

2. if ON pressed twice, set the time, read input for user(Hour-min)

Else if ON pressed again, time is set

3. pre set time for brewing coffee.

4. Buttons: OFF, ON, PROGRAM

a. If OFF, machine just display time

b. else If ON, machine brew coffee

c. else if PROGRAM, machine waits for preset time

5. Sensor, checking to see if the water is finished.

6. While ON or PROGRAM: Heating sensor should use to keep the temperature