**ELECTRIC COFFEE PSEUDOCODE**

**START**

**DISPLAY current time**

**function setCoffeeMachine():**

**IF NO button pressed once**

**READ fixed temp for coffee mix**

**SET start brewing**

**READ water level**

**IF water level detected**

**SET Remain hot for coffee**

**ELSE water level not detected**

**SET Turn off**

**IF NO button pressed twice**

**INPUT from user for new time**

**DISPLAY new clock time**

**IF OFF button pressed**

**DISPLAY current time**

**IF PROGRAM button is pressed**

**READ fixed temp for coffee mix**

**READ pre-set time for BREW OPERATION**

**SET BREW OPERATION to begin at predetermined time.**

**READ water level**

**\ IF water level detected**

**SET Remain hot for coffee**

**ELSE water level not detected**

**SET Turn off**

**ENDIF**

**ENDIF**