CS210\_MODULE\_3\_ASSIGNMENT\_DLUDWIG

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COFFEE PROCESS

FUNCTION BREWING

IF automatic sensor detect adequate water

starts brewing

ELSE stops brewing

FUNCTION SET TIME

IF on button pressed twice

GET USER INPUT HH:RR

IF on button pressed once

SET TIME

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IF (Clock time set?) is NO

THEN “set time” process

ELSE Display time

USER INPUT

WHILE INPUT NOT “OFF”

IF choice = PROGRAM

IF time set is NO

“Set time” process

ELSE time set is YES

Store “set time” and display time

ELSE IF choice = ON and anytime -or- ON and “set time”

Start “brewing”

Heating sensor keeps set at fixed temperature

ELSE choice = OFF

Display time