Follow these steps to set up your button project.

1. Use the RPi.GPIO Basic or Advanced guides in Unit 2 Schoology for information
2. Set up four buttons and one LED on your breadboard BUT DO NOT PLUG INTO RASPBERRY PI
3. Hit the help button to call Mr. Smith over and have him check your circuit
4. Write code to print which button was pressed
5. If the first button was pressed, toggle the LED on or off.

Convert this English to Python to achieve this (after following the other code in the guides).

* Put ‘False’ in ‘LEDlit”
* While the program is running, then…
  + If the first button is pressed, then…
    - Print “First button pressed”
    - If LEDlit is True, then…
      * Make LEDlit False
      * Turn off the LED
    - Otherwise, then…
      * Make LEDlit True
      * Turn on the LED
  + If the second button is pressed, then…
    - Print “Second button pressed”
  + If the third button is pressed, then…
    - Print “Third button pressed”
  + If the fourth button is pressed, then…
    - Print “Fourth button pressed”