Try/except structure and Input function

Instructions:

1. ALL DUE TIMES ARE IN EST
2. **Upload a Python file to this BB Assignment.**
3. All answers must be in your own words, and copy-and-paste answers will receive no credit.
4. You must submit a .py file to be graded.
5. You are limited to 2 submissions
6. **You must be in the lab session to get the lab's credit.**

```
"""



Instruct user how to prepare a 3 ml solution of
10 mM NaCl and 0.5 mM MgCl2, given stock solutions
of 1 M NaCl and 0.1 M MgCl2.
"""


    """Business logic"""

    final_vol = 3  # use ml volumes throughout the program

    # NaCl
    nacl_stock = 1000  # use mM concentrations throughout the program
    nacl_final = 10

    # concatenation, notice how we are calculating something here!
    step1 = "Add " + str(final_vol * (nacl_final / nacl_stock)) + " ml NaCl\n"

    # MgCl2
```

```
25      mg_stock = 100
26      mg_final = 0.5
27
28      step2 = "Add " + str(final_vol * (mg_final / mg_stock)) + " ml MgCl2\n"
29
30      # Water
31      step3 = "Add water to a final volume of " + str(final_vol) + " ml and mix"
32
33      # Protocol, we can then just print things out b/c they have been formatted ear
lier
34      print(step1 + step2 + step3)
```

Rewrite the protocol.py program to get data from the user to dynamically change the results of the program. Also, modify the script to use a `try/except` structure to handle cases where the user enters invalid input (e.g., non-numeric values).

Call your program: dynamic_protocol.py.

Output Example:

```
Please enter the final volume of the solution (ml): 3
Please enter the NaCl stock (mM): 1000
Please enter the NaCl final (mM): 10
Please enter the MgCl2 stock (mM): 100
Please enter the MgCl2 final (mM): 0.5
Add 0.03 ml NaCl
Add 0.015 ml MgCl2
Add water to a final volume of 3.0 ml and mix
```