Problem 8

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Problem 8

20.0 points possible (graded)

Implement a function that meets the specifications below.

```
def applyF_filterG(L, f, g):
    """
    Assumes L is a list of integers
    Assume functions f and g are defined for you.
    f takes in an integer, applies a function, returns
another integer
    g takes in an integer, applies a Boolean function,
        returns either True or False
    Mutates L such that, for each element i originally in L,
L contains
        i if g(f(i)) returns True, and no other elements
    Returns the largest element in the mutated L or -1 if
the list is empty
    """
    # Your code here
```

For example, the following functions, `f`, `g`, and test code:

```
def f(i):
    return i + 2
def g(i):
    return i > 5

L = [0, -10, 5, 6, -4]
print(applyF_filterG(L, f, g))
print(L)
```

Should print:

```
6
[5, 6]
```

For this question, you will **not be able to see the test cases we run**. This problem will test your ability to come up with your own test cases.

```
1 # Paste your function here
```

Press ESC then TAB or click outside of the code editor to exit

Unanswered

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