



Problem 4: (5)What is returned and printed (oh, c’mon! This is fun!) \_\_\_\_\_

```
def f(message):
    newmessage = ""
    x = 0
    while x < len(message):
        if message[x] == "g":
            newmessage += "l" # This is an l, as in love, not an l, as in
                               # Ivan. Clearly. You all see the difference, right?
        else:
            newmessage += message[x]
        x += 1
    return(newmessage)
print(f("pogysyggabicaggy"))
```

Message	Newmessage	x

Problem 5: (6)What is returned and printed for each of the two inputs? Show a table of the variables for at least one of the two:

Print(f("racecar"))\_\_\_\_\_

Print(f("mommy"))\_\_\_\_\_

```
def f(a):
    k = True
    x= 0
    while x< (len(a)+1)//2:
        if a[x] != a[len(a)-(x+1)]:
            k = False
        x += 1
    return k
print(f("racecar"))
print(f("mommy"))
```