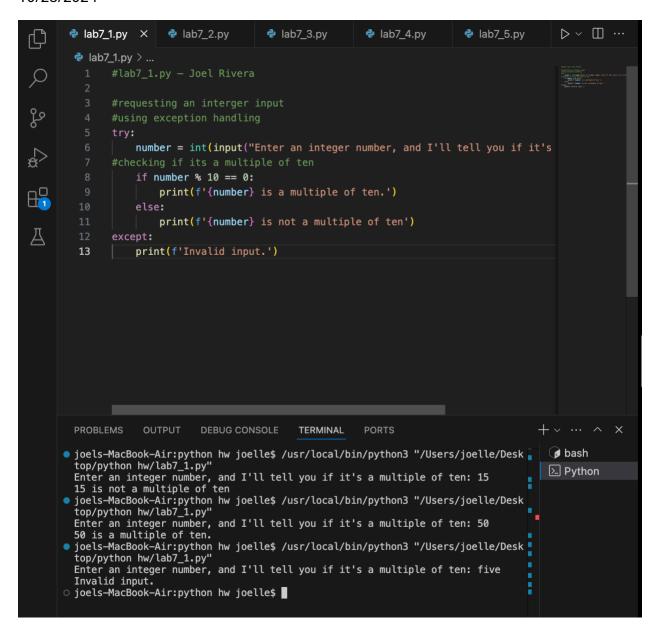
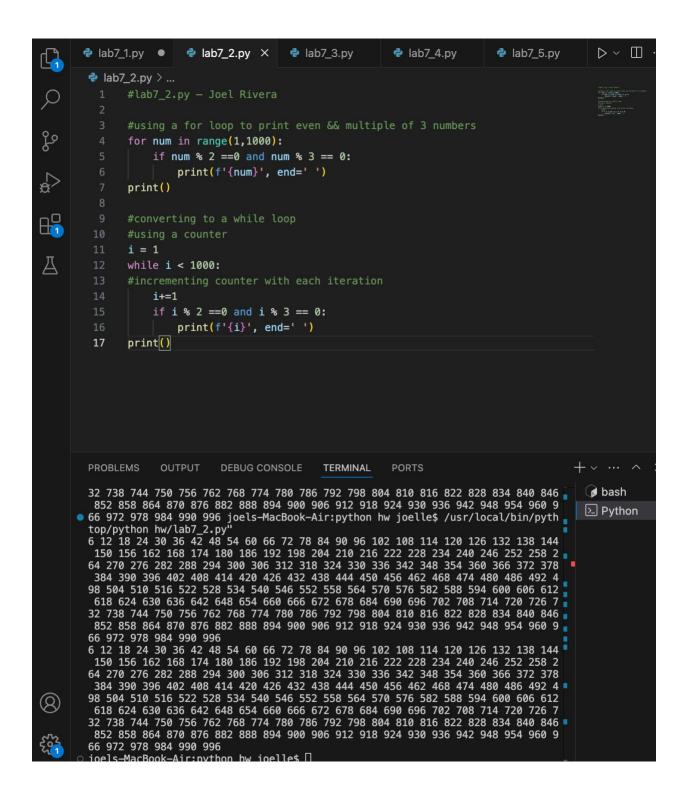
## Joel Rivera

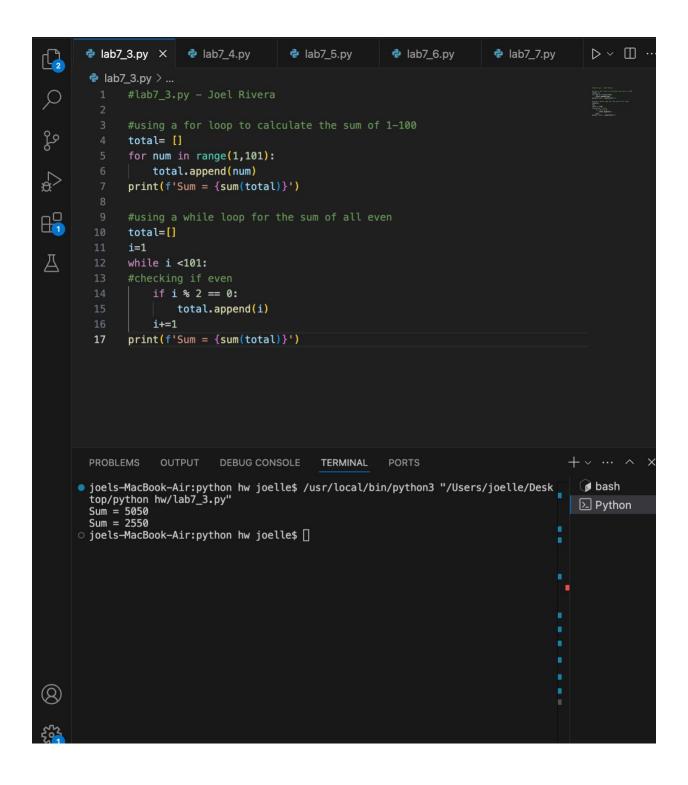
## Et-574 F2F4L

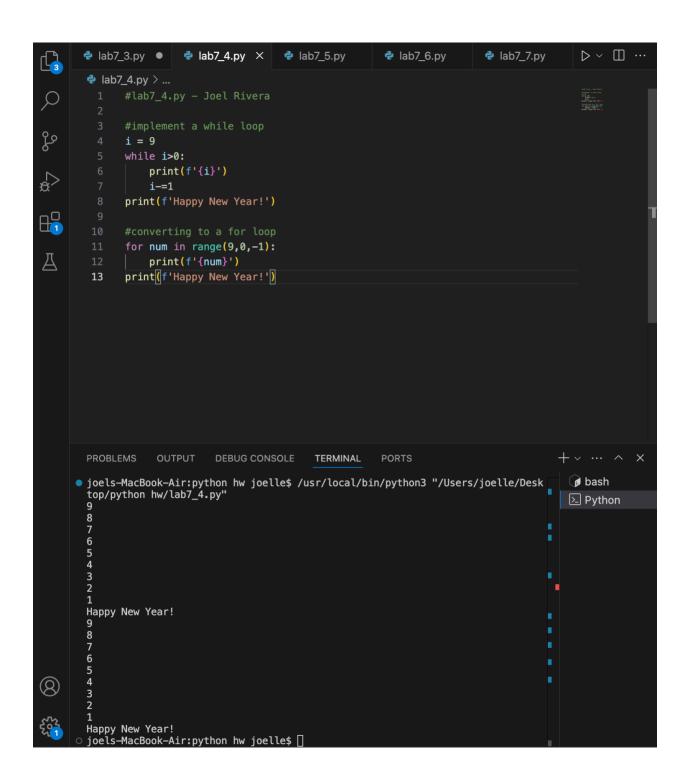
## Lab 7

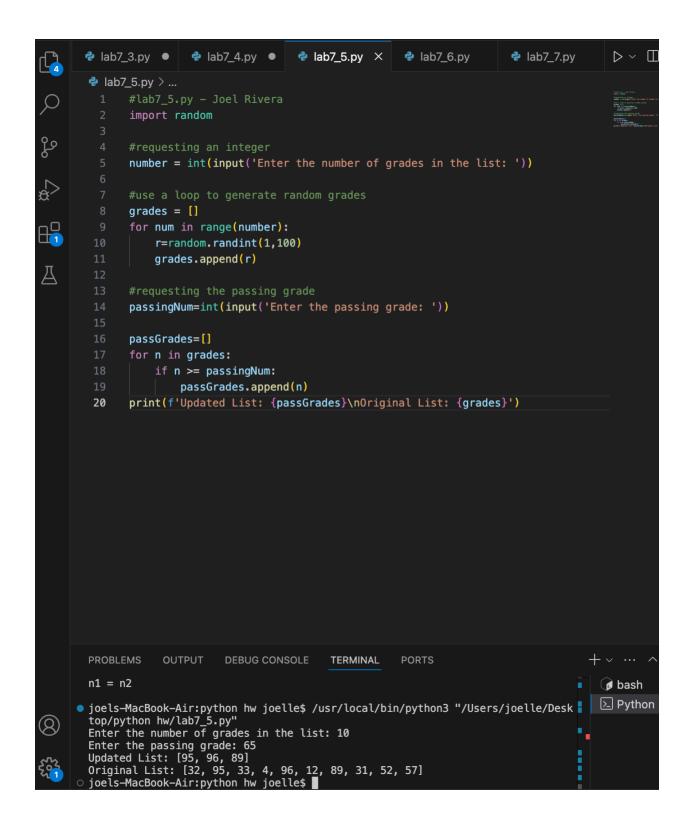
## 10/28/2024

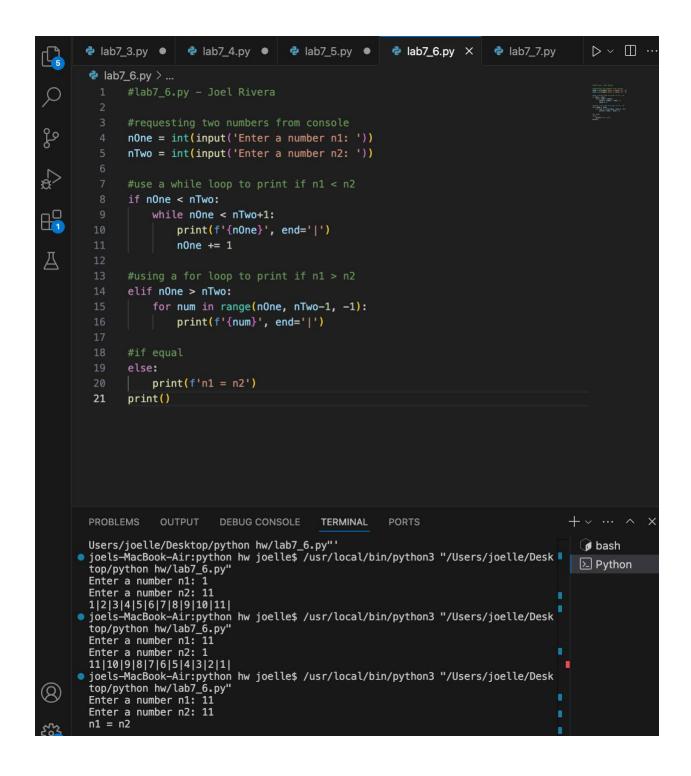












```
de lab7_3.py
                 delta lab7_4.py
                                  de lab7_5.py
                                                    ♠ lab7_7.py ×
 lab7_7.py > ...
        #implement a while loop to request numbers and append to a list
       numbers = eval(input('Enter a number or 0 to stop: '))
       while numbers > 0 or numbers < 0:
            lst.append(numbers)
            numbers = eval(input('Enter a number or 0 to stop: '))
            if numbers == 0:
                break
        sum = sum(lst)
       average = sum/len(lst)
        print()
        print(f'Sum = {sum:.2f}\nAverage = {average:.2f}\nNumber(s) entered:')
            print(e, end=" ")
        print()
                       DEBUG CONSOLE
             OUTPUT
                                        TERMINAL
joels-MacBook-Air:python hw joelle$ /usr/local/bin/python3 "/Users/joelle/Desk
                                                                                     bash
 top/python hw/lab7_7.py"
Enter a number or 0 to stop: 1
                                                                                   Enter a number or 0 to stop: -10
 Enter a number or 0 to stop: 2.34
 Enter a number or 0 to stop: 56.78
 Enter a number or 0 to stop: 123
 Enter a number or 0 to stop: 0
 Sum = 173.12
 Average = 34.62
Number(s) entered:
 1 -10 2.34 56.78 123
 joels-MacBook-Air:python hw joelle$
```

8. I faced two challenges in this week's lab. The first I encountered when I got to question 5, I couldn't figure out how to generate a random number. I looked online and I kept seeing random.randint() being used but I wasn't sure if there was another way. However, while looking through the example problems, I saw an example where I saw random was being imported and used so I decided to use it here. The second challenge I faced came from question 7. Originally, I was having an issue with having a 0 being appended to the list if it was the first integer inputted. I realized my mistake was having lst.append(numbers) right after line 5 in my code. I removed this line and it fixed my error.