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'''
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Lab 3
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#Task 1.1, 1.2, 1.3
print("Please enter three values:")
inputValue1 = input("Value 1:")
inputValue2 = input("Value 2:")
inputValue3 = input("Value 3:")
if (("-" or ".") in (inputValue1 or inputValue2 or inputValue3)):
    inputValue1 = float(inputValue1)
    inputValue2 = float(inputValue2)
    inputValue3 = float(inputValue3)
largest= max(inputValue1, inputValue2,inputValue3)
print(largest)
```

```
'''
Please enter three values:
Value 1:hello
Value 2:how're you
Value 3:hoho
how're you
```

```
Please enter three values:
Value 1:420
Value 2:351
Value 3:530
530
```

```
Please enter three values:
Value 1:-35.8
Value 2:-28
Value 3:-36.5
-28.0
'''
```

```
#task 2
count = int(input("Please enter the number of items purchased: "))
total = int(input("Please enter the total cost: "))
print("No negative items" if (count<0 or total<0) else "average = 0" if count==0 else "avarage = "+
str(total/count))
```

```
'''
Please enter the number of items purchased: -12
Please enter the total cost: -12
No negative items
```

```
Please enter the number of items purchased: -12
Please enter the total cost: 12
No negative items
```

```
Please enter the number of items purchased: -12
Please enter the total cost: 0
No negative items
```

```
Please enter the number of items purchased: 0
```

Please enter the total cost: -12
No negative items

Please enter the number of items purchased: 0
Please enter the total cost: 0
average = 0

Please enter the number of items purchased: 0
Please enter the total cost: 12
average = 0

Please enter the number of items purchased: 12
Please enter the total cost: -12
No negative items

Please enter the number of items purchased: 12
Please enter the total cost: 0
avarage = 0.0

Please enter the number of items purchased: 12
Please enter the total cost: 13
avarage = 1.0833333333333333
'''

#task 3
''''

My guess for these codes are
a.)Nothing gets printed
b.)3 5 7 9 11 13 15

''''
#a
j=1
while j < 10 :
 j += 2
 if j == 5 :
 continue
 print(j, end = " ")

#b
for j in range (50) :
 j += 2
 print(j, end = " ")
 if j == 15 :
 break
''''

What Got Printed
a.) Nothing Printed
b.) 2 3 4 5 6 7 8 9 10 11 12 13 14 15

For part a
The program worked the way I thought it would

For part b
the program printed every number rather than every other number.
This shows me that the j in the for loop is not altered by the j+=2 meaning it is not within the same scope.
''''

```

#task 4
for x in range(5):
#initial for loop is for the 5 teset cases
    number= int(input("Enter a number to check if it is prime or not: "))
    for i in range(2,(number//2)+1):
        if number%i==0:
            print(number," is not a prime number")
            break
    else:
        print(number, " is a prime number")

```

```

'''
Enter a number to check if it is prime or not: 71
71 is a prime number
Enter a number to check if it is prime or not: 119
119 is not a prime number
Enter a number to check if it is prime or not: 30000001
30000001 is a prime number
Enter a number to check if it is prime or not: 34567
34567 is not a prime number
Enter a number to check if it is prime or not: 400000003
400000003 is not a prime number
'''

```