Week 02: Problem Set

Due: 2023-01-27 23:59:00

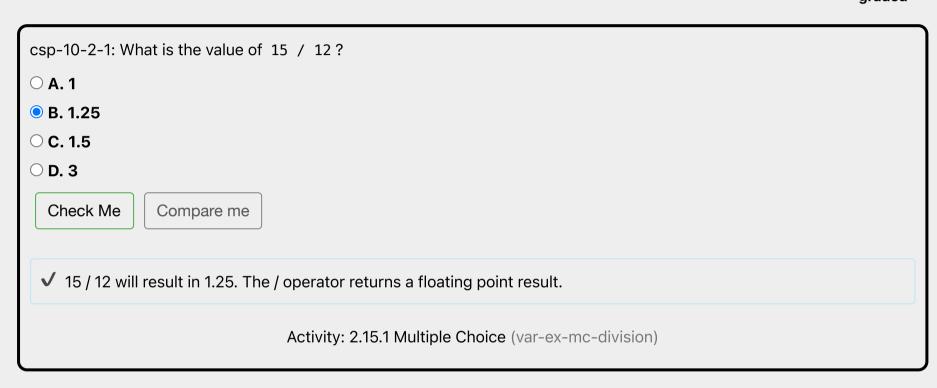
Description: Chapter 2

Self Grade: 0 of 22 = 0.0%

You have marked this assignment Finished. Click to mark it In Progress

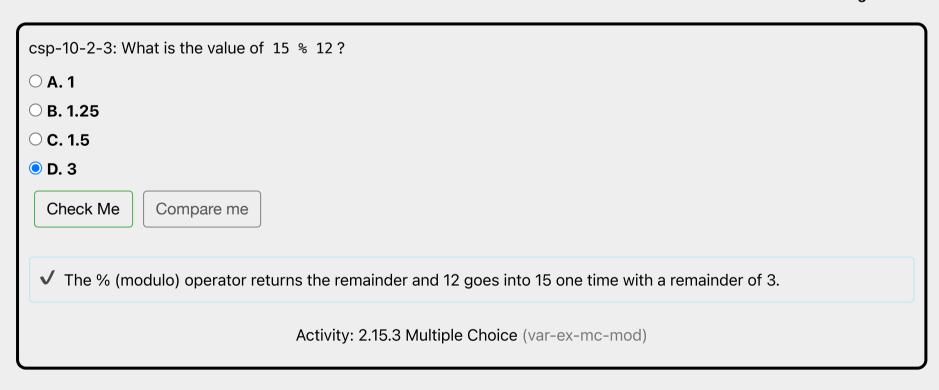
Questions

Not yet graded



Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/Exercises.html#var-ex-mc-division)

Not yet graded



Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/Exercises.html#var-ex-mc-mod)

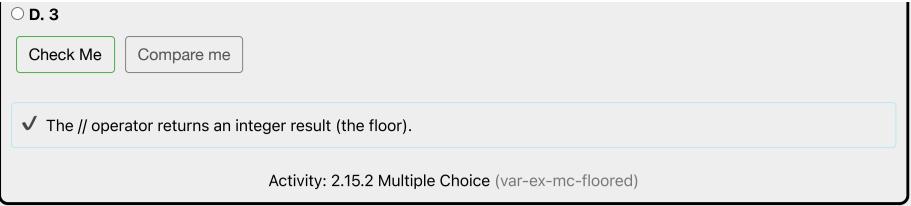
Not yet graded

csp-10-2-2: What is the value of 15 // 12?

• A. 1

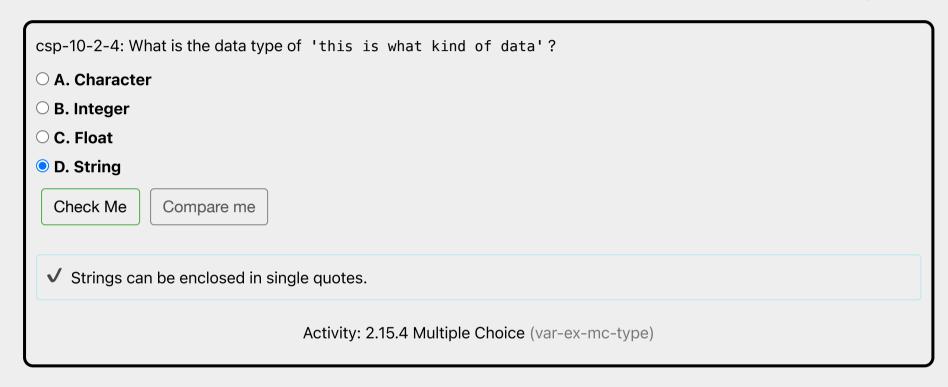
• B. 1.25

• C. 1.5



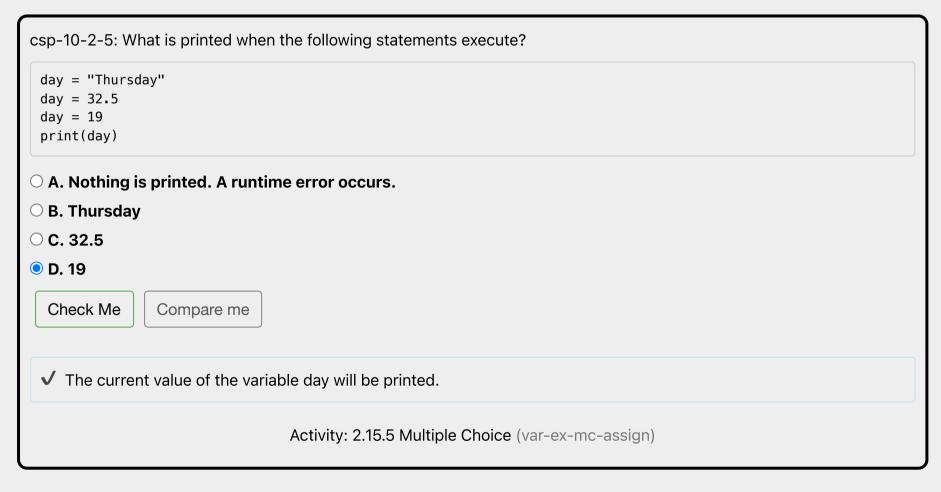
Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/Exercises.html#var-ex-mc-floored)

Not yet graded



Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/Exercises.html#var-ex-mc-type)

Not yet graded



Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/Exercises.html#var-ex-mc-assign)

Not yet graded

csp-10-2-6: What is printed when the following statements execute?

```
n = input("Please enter your age: ")

# user types in 18
print ( type(n) )

A. <class 'str'>
B. <class 'int'>
C. <class 18>
D. 18

Check Me Compare me

✓ All input from users is read in as a string.

Activity: 2.15.6 Multiple Choice (var-ex-mc-input)
```

Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/Exercises.html#var-ex-mc-input)

Not yet graded

```
csp-10-2-7: What is the value of the following expression:

16 - 2 * 5 // 3 + 1

• A. 14

• B. 24

• C. 3

• D. 13.667

Check Me Compare me

✓ Using parentheses, the expression is evaluated as (2*5) first, then (10 // 3), then (16-3), and then (13+1).

Activity: 2.15.7 Multiple Choice (var-ex-mc-order)
```

Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/Exercises.html#var-ex-mc-order)

Not yet graded

```
csp-10-2-8: After the following statements, what are the values of x and y?

x = 15
y = x
x = 22

A. x is 15 and y is 15
B. x is 22 and y is 22
C. x is 15 and y is 22

D. x is 22 and y is 15

Check Me Compare me

✓ Yes, x has the value 22 and y the value 15.

Activity: 2.15.8 Multiple Choice (var-ex-mc-reassign)
```

Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/Exercises.html#var-ex-mc-reassign)

Not yet graded

```
csp-10-2-9: Given the following code segment, what will be printed?

street = "125 Main Street"
print("The address is " + "street")

• A. The address is street

• B. The address is 125 Main Street

• C. It won't execute

Check Me Compare me

✓ Since street is in double quotes it will print the string street rather than the value of the variable street.

Activity: 2.15.9 Multiple Choice (var-ex-mc-print)
```

Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/Exercises.html#var-ex-mc-print)

Not yet graded

```
csp-10-2-11: Given the following code segment, what will be printed?

friends = 4
name = "Derrik"
print("name" + " has " + str(friends) + " friends")

A. Derrick has 4 friends

B. name has 4 friends

C. name has friends friends

D. There will be an error

Check Me Compare me

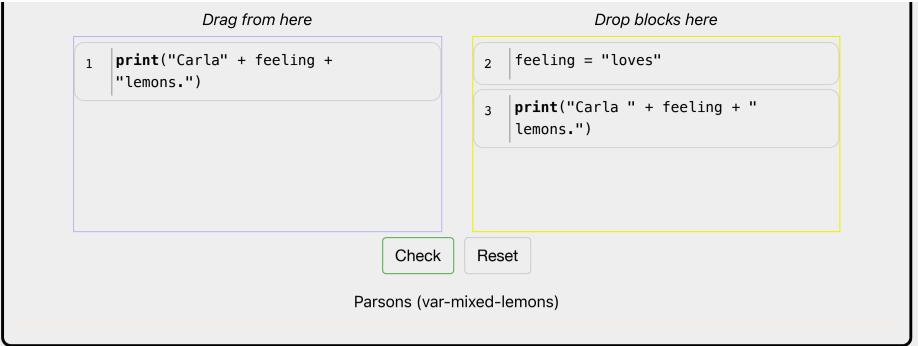
Since name is in quotes it will print those characters rather than the value of name, but it will print the value of friends after it converts it to a string.

Activity: 2.15.11 Multiple Choice (var-string-var-print-in-quotes)
```

Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/Exercises.html#var-string-var-print-in-quotes)

Not yet graded

The following program segment should print the phrase, "Carla loves lemons.". But, the blocks have been mixed up and include an extra block that isn't correct.



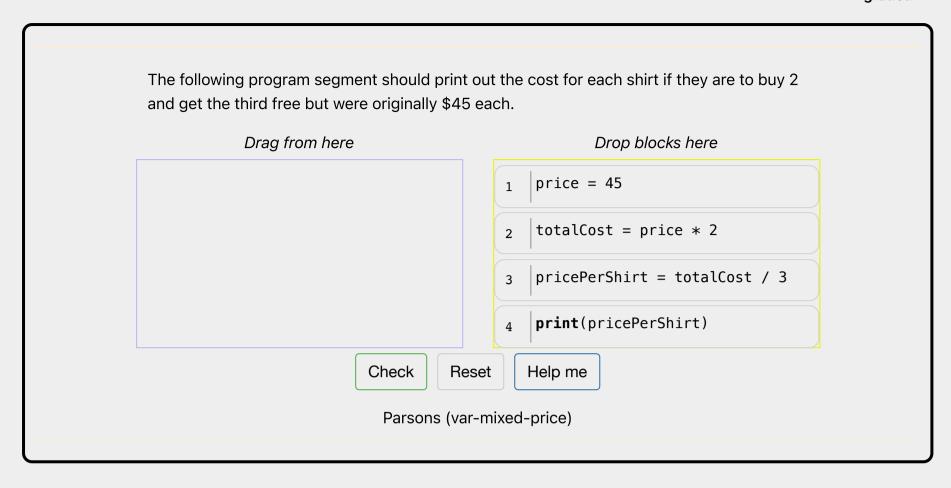
Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/MixedupCode.html#var-mixed-lemons)

Not yet graded

```
The following program segment should ask the user their hours per week and pay rate,
then print a statement with their gross pay. But, the blocks have been mixed up and
includes extra blocks that aren't correct.
                                  Drag from here
                   pay rate = input('What is your hourly
                   pay?')
                  print("Your gross pay is" grossPay)
                                 Drop blocks here
                  |hours = input('How many hours do you work
                   in a week?')
                   payRate = input('What is your hourly pay?')
                   grossPay = float(hours) * float(payRate)
                  print("Your gross pay is ", grossPay)
                           Check
                                      Reset
                                                Help me
                             Parsons (var-mixed-hours)
```

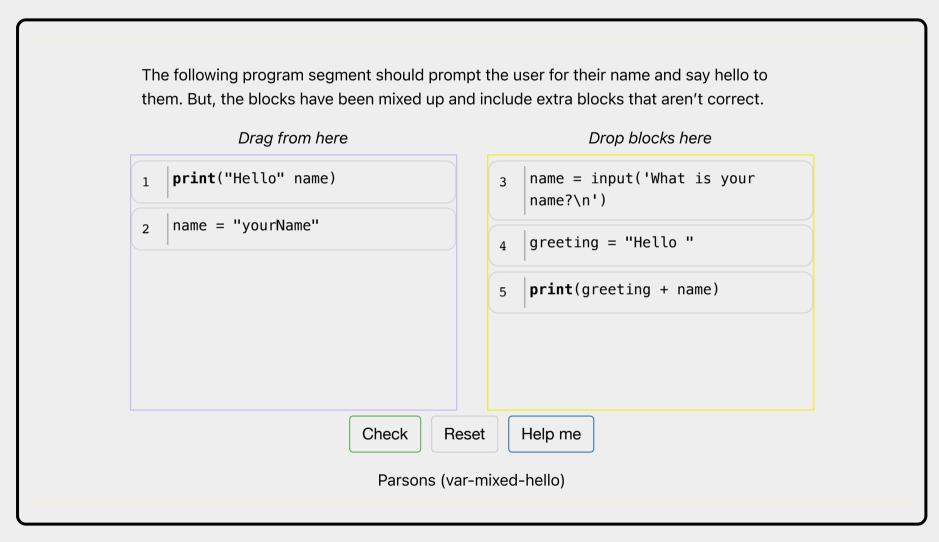
Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/MixedupCode.html#var-mixed-hours)

Not yet graded



Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/MixedupCode.html#var-mixed-price)

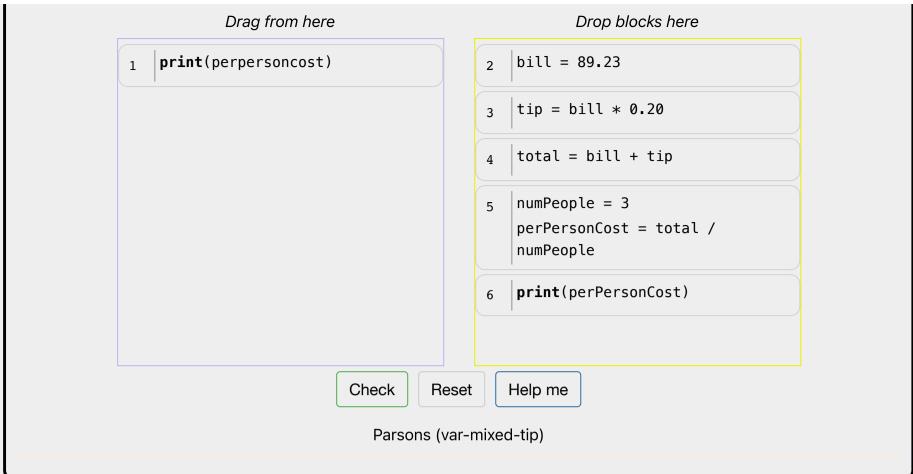
Not yet graded



Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/MixedupCode.html#var-mixed-hello)

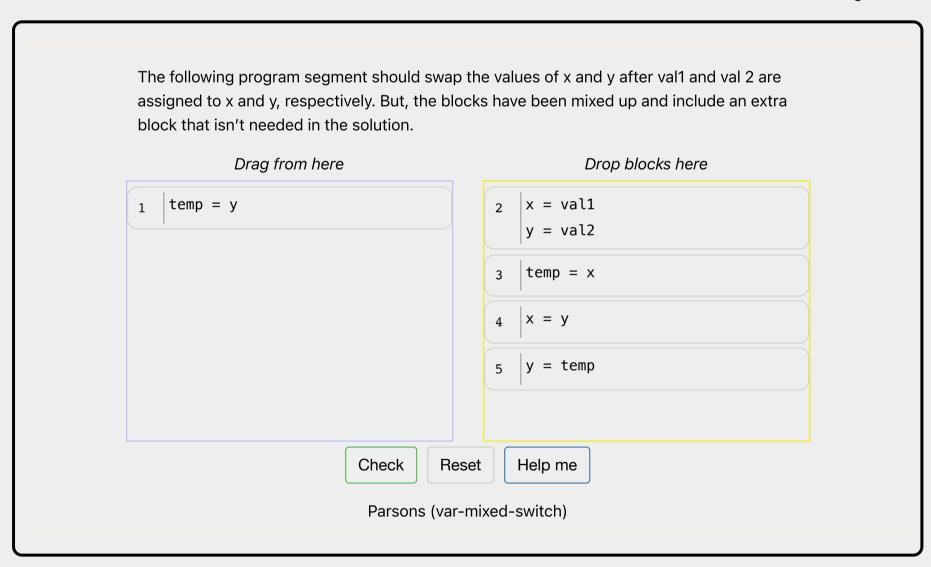
Not yet graded

The following program segment should print out the cost per person for a dinner including the tip. But, the blocks have been mixed up and include an extra block that isn't needed in the solution.



Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/MixedupCode.html#var-mixed-tip)

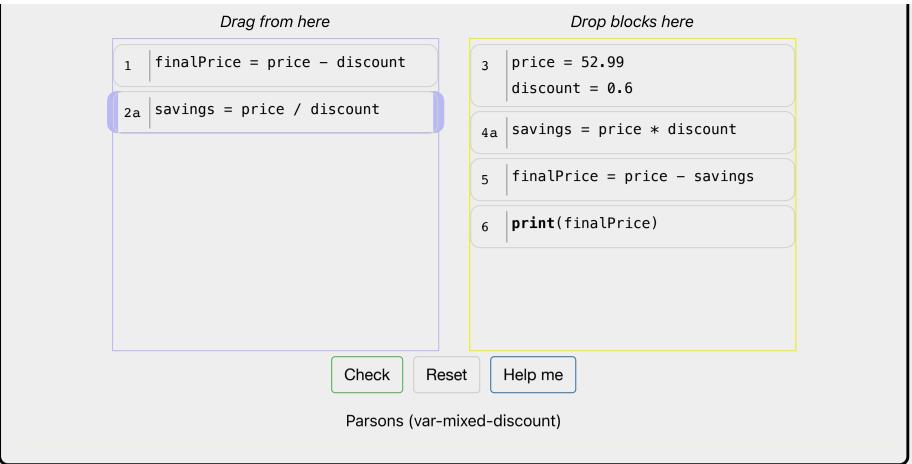
Not yet graded



Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/MixedupCode.html#var-mixed-switch)

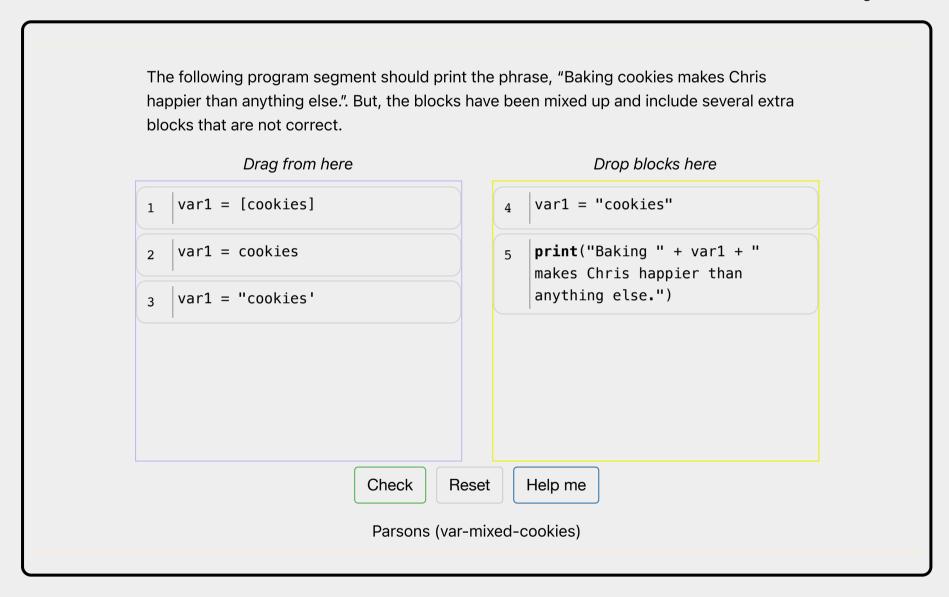
Not yet graded

The following program segment should print how much you will have to pay for an item that is 60% off the original price of \$52.99. But, the blocks have been mixed up and include an extra block that isn't needed in the solution.



Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/MixedupCode.html#var-mixed-discount)

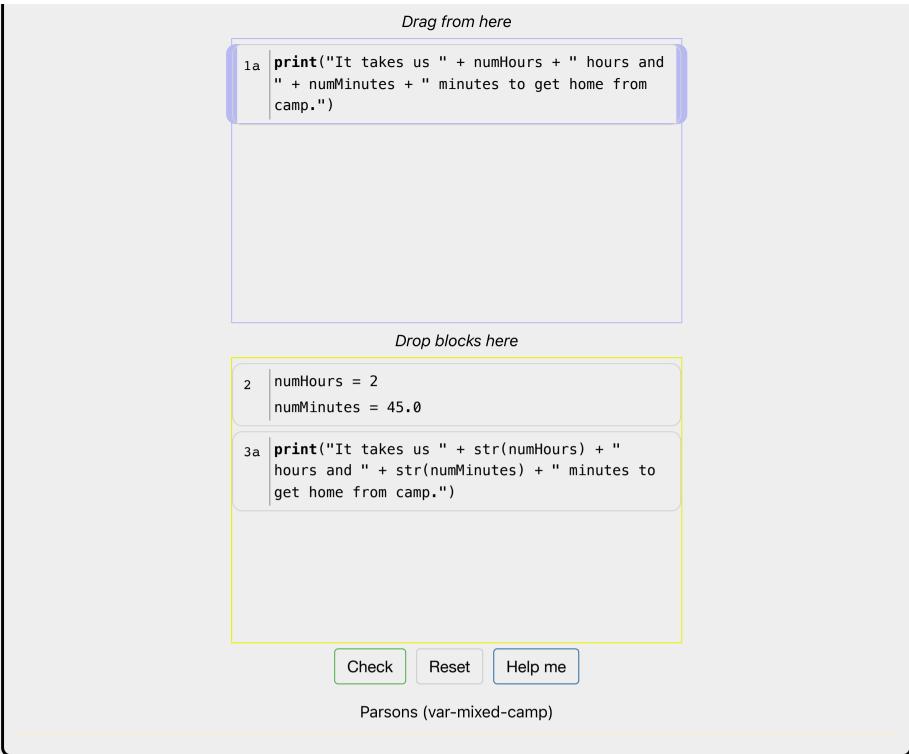
Not yet graded



Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/MixedupCode.html#var-mixed-cookies)

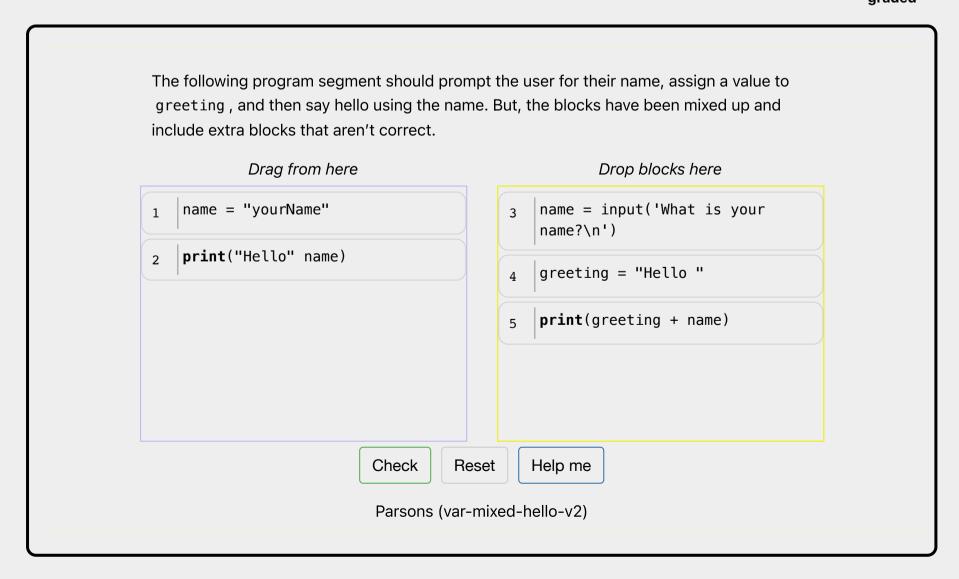
Not yet graded

The following program segment should print the phrase, "It takes us 2 hours and 45 minutes to get home from camp.". But, the blocks have been mixed up and include an extra block that isn't correct.



Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/MixedupCode.html#var-mixed-camp)

Not yet graded



Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/MixedupCode.html#var-mixed-hello-v2)

Not yet graded

```
csp-10-2-12: Given the following code segment, what will be printed?

pets = 2
name = "Mariah"
print(name + " has " + pets + " pets")

A. Mariah has 2 pets
B. name has 2 pets
C. Mariah has pets pets
D. There will be an error

Check Me Compare me

V You can't concatenate an integer with a string. You need to convert it to a string first.

Activity: 2.15.12 Multiple Choice (var-string-print-no-convert-int)
```

Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/Exercises.html#var-string-print-no-convert-int)

Not yet graded

The following program segment should print the phrase, "3 + 300 + 7 = 310." But, the blocks have been mixed up and include an extra block that isn't correct. Drag the needed blocks from the left and put them in the correct order on the right. Click the *Check Me* button to check your solution.

Drag from here

```
print(str(num1) + str(num2) + str(num3) =
str(ans))
```

Drop blocks here

Parsons (var-mixed-numbers)

Question in Context (/ns/books/published/cmsc-210-spring-2023/variables/MixedupCode.html#var-mixed-numbers)

You have marked this assignment Finished. Click to mark it In Progress

This assignment is graded and is no longer accepting submissions. You can still do the work, but it is up to your instructor whether they will accept it or not.

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