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[Crash Course on Python](https://www.coursera.org/learn/python-crash-course/home/welcome)

[Week 2](https://www.coursera.org/learn/python-crash-course/home/week/2)

Practice Quiz: Expressions and Variables

[Prev](https://www.coursera.org/learn/python-crash-course/supplement/kzyZn/implicit-vs-explicit-conversion)

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**PRACTICE QUIZ • 25 MIN**

**Practice Quiz: Expressions and Variables**

**Submit your assignment**

Try again

**Receive grade**

**TO PASS**80% or higher

**Grade**

100%

View Feedback

We keep your highest score

Practice Quiz: Expressions and Variables

Practice Quiz • 25 min

**Congratulations! You passed!**

**TO PASS**80% or higher

Keep Learning

**GRADE**

100%

**Practice Quiz: Expressions and Variables**

**TOTAL POINTS 5**

1.Question 1

In this scenario, two friends are eating dinner at a restaurant. The bill comes in the amount of 47.28 dollars. The friends decide to split the bill evenly between them, after adding 15% tip for the service. Calculate the tip, the total amount to pay, and each friend's share, then output a message saying "Each person needs to pay: " followed by the resulting number.

**1 / 1 point**

1

2

3

4

5

bill = 47.28

tip = bill \*0.15

total = bill + tip

share =total/2

print("Each person needs to pay:" + str(share))





RunReset

Each person needs to pay:27.186

**Correct**

Great work! You’ve given the computer correct instructions

at each step, paying attention to every detail, and it paid

off!

2.Question 2

This code is supposed to take two numbers, divide one by another so that the result is equal to 1, and display the result on the screen. Unfortunately, there is an error in the code. Find the error and fix it, so that the output is correct.

**1 / 1 point**

1

2

3

4

numerator = 10

denominator = 10

result = numerator / denominator

print(result)





RunReset

1.0

**Correct**

You got it!. You caught the error and fixed it! Way to go!

3.Question 3

Combine the variables to display the sentence "How do you like Python so far?"

**1 / 1 point**

1

2

3

4

5

6

7

8

9

word1 = "How"

word2 = "do"

word3 = "you"

word4 = "like"

word5 = "Python"

word6 = "so"

word7 = "far?"

print(word1+" " +word2+" "+word3+" "+word4+" "+word5+" "+word6+" "+word7)





RunReset

How do you like Python so far?

**Correct**

Nice job! You caught the error and fixed it! Way to go!

4.Question 4

This code is supposed to display "2 + 2 = 4" on the screen, but there is an error. Find the error in the code and fix it, so that the output is correct.

**1 / 1 point**

1

print("2 + 2 = " + str(2 + 2))





RunReset

2 + 2 = 4

**Correct**

Way to go! You noticed the missing conversion into string,

and fixed it!

5.Question 5

What do you call a combination of numbers, symbols, or other values that produce a result when evaluated?

**1 / 1 point**



An explicit conversion



An expression



A variable



 An implicit conversion

**Correct**

Right on! An expression is a combination of values, variables, operators, and calls to functions.