

## W02 Quiz



Quiz submitted



- Due Jan 16 at 11:59pm
- Points 10
- Questions 10
- Available until Jan 30 at 11:59pm
- Time Limit None
- Allowed Attempts 3

## Instructions

- **Purpose:** Check your understanding of the topic of this week by taking a short quiz.
- **Task:** Submit the quiz.
- **Conditions:**
  - You may use the course materials and your notes while taking the quiz.
  - You can take this quiz up to three times, so if you get any questions wrong, refer back to the learning activities, then take the quiz again.

## Attempt History

	Attempt	Time	Score
KEPT	<a href="#">Attempt 3</a>	less than 1 minute	10 out of 10
LATEST	<a href="#">Attempt 3</a>	less than 1 minute	10 out of 10
	<a href="#">Attempt 2</a>	4 minutes	8.67 out of 10
	<a href="#">Attempt 1</a>	4 minutes	8.67 out of 10

❗ Correct answers are hidden.

Score for this attempt: 10 out of 10

Submitted Jan 14 at 10:19pm

This attempt took less than 1 minute.



Question 1

1 / 1 pts

Which statement best describes a function?

- ☐ A group of statements that perform several complex tasks.
- ☒ A group of statements that together perform one task.
- ☐ A statement that performs numeric calculations.
- ☐ A single statement that performs multiple tasks.



Question 2

1 / 1 pts

Which of the following are benefits of using user defined functions in your program's design?

- ☒ makes your code more reusable
- ☒ makes your code easier to change and add capabilities



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## Question 3

1 / 1 pts

Which keyword is used to return a value from a function in Python?

- ☐ yield
- ☐ break
- ☐ exit
- ☒ return



## Question 4

1 / 1 pts

Which statements are true about good reusable function design?

- ☐ perform user input and output
- ☒ take parameters
- ☒ return results
- ☒ perform calculations



## Question 5

1 / 1 pts

Which function name typically contains the starting code statements in a well designed program?

- ☐ begin
- ☐ pystart
- ☐ start
- ☒ main



## Question 6

1 / 1 pts

According to the lesson a \_\_\_\_\_ is a model that shows the order in which statements of a program will be executed.

- ☐ flow chart
- ☐ step chart
- ☒ call graph
- ☐ execution diagram



## Question 7

1 / 1 pts

Given the follo



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```
def func1():  
    a=1  
def func2():  
    a=2  
    func1()  
    return a  
a=0  
print(func2())
```

What output will be printed to the console?

- ☒ 2
- ☐ 0
- ☐ 1
- ☐ Nothing will be printed.



### Question 8

1 / 1 pts

Select the proper function definition that will allow the programmer to omit the discount parameter when calling the **discounted\_price** function.

- ☒ `def discounted_price(retail, discount=.1):`
- ☐ `def discounted_price(retail, [discount]):`
- ☐ `def discounted_price(retail, opt discount):`
- ☐ `def discounted_price(retail, discount):`



### Question 9

1 / 1 pts

Select the statements that are true about global variables.

- ☒ can be set/changed from statements inside functions by using **global** keyword
- ☒ can be set/changed in statements outside of functions
- ☒ can be accessed/read in statements outside of functions
- ☒ can be accessed/read from statements inside functions



### Question 10

1 / 1 pts

Given the following code, what will be printed to the console?

```
def fullname(w1,w2):  
    return w1 + ' ' + w2  
  
f=fullname(w2='faith',w1='charity')  
print(f)
```

- ☐ faith faith charity

☒ charity faith☐ faith charity☐ an invalid argument error

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Quiz Score: 10 out of 10

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