# 4.6 Quiz: Module 3 and 4 Quiz

**Due** Oct 4 at 11:59pm        **Points** 40        **Questions** 10        **Time Limit** 20 Minutes
**Allowed Attempts** 2

# Instructions

Take a moment to check your knowledge of what was covered in Module 3 and 4.

## Attempt History

|  | Attempt | Time | Score |
|---|---|---|---|
| **KEPT** | **Attempt 2** | 4 minutes | 36 out of 40 |
| **LATEST** | **Attempt 2** | 4 minutes | 36 out of 40 |
|  | **Attempt 1** | 8 minutes | 36 out of 40 |

⚠ Correct answers are hidden.

Score for this attempt: **36** out of 40
Submitted Sep 19 at 9:20am
This attempt took 4 minutes.

| Question 1 | 4 / 4 pts |
|---|---|

True or False: When two arguments are supplied to range, the count
ranges from the first argument to the second argument minus 1.

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◉ True

○ False

## Question 2                                        **4 / 4 pts**

True or False: The third argument of the range function specifies the upper bound of the count.

○ True

◉ False

## Question 3                                        **4 / 4 pts**

The interval between the numbers used in the range is known as which of the following?

◉ step value

○ range value

○ field width

○ string width

## Question 4                                        **4 / 4 pts**

The while loop is also called which type of loop, because its condition is tested at the top of the loop?

◉ entry-control

○ multi-way

○ top-level

─────────────────────────────────────────────

○ Conditional

## Question 5                                                    4 / 4 pts

To call a function with named arguments, you code the:

───────────────────────────────────────────────────

○ values that you're passing at the beginning of the function call

───────────────────────────────────────────────────

○

values that you're passing in the same sequence that the names are
defined in the function

───────────────────────────────────────────────────

○

values that you're passing at the end of the function call, followed by the
names that correspond with the values

───────────────────────────────────────────────────

◉

name of each argument, an equals sign, and the value or variable that's
being passed

## Question 6                                                    4 / 4 pts

What is the first error in the display_info() function?

# This application displays a student's score after a 5-point curve

def display_info(fname, lname, score):

    print("Hello, " , fname, " " , Lname)

```
        print("Your score on this exam is ", score)

        score = score + 5

def main():

    first = input("first name: ")

    last = input("last name: ")

    grade = input("exam score: ")

    display_info(last, first, score)


# if started as the main module, call the main function

if __name__ == "__main__":

    main()
```

---

- ◉ The variable lname on line 4 does not exist

---

- ○ The arguments on line 3 should be first and last, not fname and lname

---

- ○

  The print statement on line 4 should use the + operator instead of commas

---

- ○ You cannot add a number to itself, as on line 6

---

## Question 7                                    4 / 4 pts

What is the error in the main() function?

```
# This application displays a student's score after a 5-point curve

def display_info(fname, lname, score):

    print("Hello, " , fname, " " , Lname)
```

```
    print("Your score on this exam is ", score)

    score = score + 5
def main():

    first = input("first name: ")

    last = input("last name: ")

    grade = input("exam score: ")

    display_info(last, first, score)


# if started as the main module, call the main function

if __name__ == "__main__":

    main()
```

---

○ The input statement on line 11 gets a variable named grade but sends in an undefined variable named score on line 12

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○ The function call on line 12 should send in fname and lname as arguments, not last and first

---

○ There are no errors in main()

---

○ The input statement on line 11 does not define grade as an int

---

Incorrect

## Question 8                                                    0 / 4 pts

What is the error on line 6?

# This application displays a student's score after a 5-point curve

```python
def display_info(fname, lname, score):

    print("Hello, " , fname, " " , Lname)

    print("Your score on this exam is ", score)

    score = score + 5

def main():

    first = input("first name: ")

    last = input("last name: ")

    grade = input("exam score: ")

    display_info(last, first, score)


# if started as the main module, call the main function

if __name__ == "__main__":

    main()
```

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○ You cannot add a number to itself.

----

○

The variable score has been input as a string so it must be converted to an int or float.

----

○ There is no error on line 6

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● You cannot change the value of score after it has been displayed..

## Question 9                                                     4 / 4 pts

Assuming the coding errors have been fixed, what is the logic error in this program?

```
# This application displays a student's score after a 5-point curve

def display_info(fname, lname, score):

    print("Hello, " , fname, " " , Lname)

    print("Your score on this exam is ", score)

    score = score + 5

def main():

    first = input("first name: ")

    last = input("last name: ")

    grade = input("exam score: ")

    display_info(last, first, score)


# if started as the main module, call the main function

if __name__ == "__main__":

    main()
```

○  The display_info() function should be called before the input statements on
   lines 9-11.

◉  The curve is calculated after the score has been displayed.

○  The arguments are listed in the wrong order.

○  There is no logic error in this program.

## Question 10                                                    4 / 4 pts

Referring to the code below, answer the following question:

What function is called first when the program runs?

```
def get_username(first, last):
   s = first + "." + last
   return s.lower()


def main():
   first_name = input("Enter your first name: ")
   last_name = input("Enter your last name: ")
   username = get_username(first_name, last_name)
   print("Your username is: " + username)


if __name__ == "__main__":
   main()
```

- ◉ main()

- ○ get_username()

- ○ if __name__ == "__main__"

- ○ input("Enter your first name: ")

Quiz Score: **36** out of 40