4.6 Quiz: Module 3 and 4 Quiz

Started: Sep 19 at 9:06am

Quiz Instructions

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

Question 1	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.

🔘 True

⚪ False

Question 2	4 pts

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

⚪ True

🔘 False

Question 3	4 pts

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

○ range value

○ field width

○ string width

⦿ step value

Question 4

4 pts

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

○ top-level

○ Conditional

⦿ entry-control

○ multi-way

Question 5

4 pts

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

○ 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

○ 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

Question 6

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()

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

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

- ● The variable lname on line 4 does not exist

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

Question 7   **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

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

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

- ○ There are no errors in main()

Question 8   4 pts

What is the error on line 6?

```python
# 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()
```

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

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

○ You cannot add a number to itself.

◉ There is no error on line 6

Question 9   4 pts

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

```python
# 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()
```

○ There is no logic error in this program.

○ 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.

Question 10   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()
```

○ get_username()

○ input("Enter your first name: ")

● main()

○ if __name__ == "__main__"

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