

(/)



Evaluation quiz correction

Evaluation Quiz: Evaluation #2

Date: 2022-06-17

Status: Done

Duration: 49 minutes (including 1 minute, 14 seconds not on the page)

Score: 68.75%

"I don't know": 0

Success: 11

Fail: 5

Responses

0. $0x13 \ll 1 = ?$

Score: 1.0

- ☐ 0x13
- ☐ 0x12
- ☒ 0x26
- ☐ 0x4C
- ☐ I don't know

1. What does this command line print?

Score: 1.0

```
>>> a = "Hello, world!"
>>> print(a[:5])
```



- ☒ **Hello**
- ☐ World!
- ☐ orld!
- ☐ I don't know



2. What is 98 in base 16?

Score: 1.0

- ☒ **0x62**
- ☐ 0x98
- ☐ 0x96
- ☐ I don't know

3. What is the `unistd` symbolic constant for the standard input?

Score: 1.0

- ☒ **STDIN_FILENO**
- ☐ STDOUT_FILENO
- ☐ STDERR_FILENO
- ☐ I don't know

4. Without context, on Ubuntu 14.04 LTS, `write` is a(n) ...

Score: 0.0

(please select all correct answers)

- ☐ **executable**
- ☒ **system call**
- ☒ **library call**
- ☐ game
- ☐ I don't know



5. What is 0b001010010 in base10?

(1)

Score: 1.0



- ☐ 81
- ☒ 82
- ☐ 83
- ☐ 84
- ☐ I don't know

6. What does this print?

Score: 1.0

```
>>> print("My favorite line of {} is {:d}.".format("The Zen of Python", 11))
```

- ☒ **My favorite line of The Zen of Python is 11.**
- ☐ My favorite line of T is 1.
- ☐ My favorite line of The Zen of Python is 1.
- ☐ I don't know

7. The following code gives this incorrect output.

Score: 1.0

Which of the following statements about what is causing the error is true? (select all valid answers)




```
>>>def no_c_print(s):  
...     new_string = ''  
...     for character in s:  
...         # REPLACE THIS LINE  
...         new_string += character  
...     print(new_string)  
...  
>>> no_c_print("Characters")  
>>>haraters
```

- ☒ if character not in 'Cc':
- ☐ if character != 'c' and character != 'C':
- ☐ if character != "cC"
- ☐ I don't know

9. When I am using O_WRONLY | O_CREAT | O_APPEND -> the | are bitwise operators.

Score: 1.0

- ☒ True
- ☐ False
- ☐ I don't know

10. ~ 0x98 = ?

Score: 1.0

- ☐ 0x66
- ☒ 0x67
- ☐ 0x68
- ☐ I don't know

11. In the main.c file, on what line is the first error that the compiler returns?

Score: 0.0

Look at the following code.



```
carrie@ubuntu:/debugging$ cat main.c
#include <stdio.h>
```

```
/**
 * main - debugging example
 * Return: 0
 */
int main(void)
{
    char *hello = "Hello, World!";

    for (i = 0; hello[i] != '\0'; i++)
    {
        printf("%c", hello[i]);
    }

    printf("\n");

    return (0);
}
carrie@ubuntu:/debugging$
```

```
carrie@ubuntu:/debugging$ gcc -Wall -Werror -Wextra -pedantic main.
c
main.c: In function 'main':
main.c:11:7: error: 'i' undeclared (first use in this function)
    for (i = 0; hello[i] != '\0'; i++)
        ^
main.c:11:7: note: each undeclared identifier is reported only once for each function it appears in
main.c:9:8: error: variable 'hello' set but not used [-Werror=unused-but-set-variable]
    char *hello = "Hello, World!";
        ^
cc1: all warnings being treated as errors
carrie@ubuntu:/debugging$
```

- ☒ 9
- ☐ 11
- ☐ 7
- ☐ I don't know

12. What are the different steps to form an executable file from C source code?

Score: 1.0

- ☐ Interpretation, compilation and assembly
- ☒ Preprocessing, compilation, assembly, and linking



- ☐ Interpretation, assembly and compilation
- ☐ Compilation and linking
- ☐ Preprocessing and compilation
- ☐ I don't know



13. Choose a statement that would complete the function that returns a string made up of + n number of times (assuming $n > 0$).

Score: 0.0

```
>>> def print_plus(n):  
...     # REPLACE THIS LINE  
...  
>>> print_plus(3)  
>>> '+++'  
>>> print_plus(4)  
>>> '++++'
```

- ☒ `return n* '+'`
- ☐ `return '+'*n`
- ☐ `return '+'n`
- ☐ `return +n+n+n`
- ☐ I don't know

14. What is wrong with the following code?

Score: 0.0

```
int n = 0;  
int array[5];  
int i = 5;  
  
array[n] = i;
```

- ☐ **Nothing is wrong**
- ☐ It is impossible to declare the variable `array` this way
- ☒ **The array `array` is not entirely initialized**
- ☐ It is not possible to access `array[n]`
- ☐ I don't know



15. What is the correct combination of flags used to open a file with the mode write only, create it if it doesn't exist and append new content at the end if it already exists? (4)

Score: 1.0

- ☐ O_WRONLY
- ☐ O_WRONLY | O_CREAT | O_EXCL
- ☒ O_WRONLY | O_CREAT | O_APPEND
- ☐ O_RDWR | O_CREAT | O_APPEND
- ☐ I don't know

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