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# Evaluation quiz correction

**Evaluation Quiz:** Evaluation #2

**Date:** 2022-05-20

**Status:** Done

**Duration:** 5 minutes

**Score:** 93.75%

**# "I don't know":** 0

**# Success:** 15

**# Fail:** 1

## Responses

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

**Score:** 1.0

(please select all correct answers)

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



1. What is the correct combination of `oflags` 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?

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

2. 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

3. What does this command line print?

Score: 1.0

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

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

4. 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

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```
>>> 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**

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

**Score:** 1.0

- ☒ **STDIN\_FILENO**
- ☐ **STDOUT\_FILENO**
- ☐ **STDERR\_FILENO**
- ☐ **I don't know**

## 6. Choose the line of code to replace the comment below so the function prints a given string without a lower or uppercase c .

**Score:** 1.0

```
>>>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':**





- ☒ **j never increments so it will always be less than 10**
- ☐ **j** is always equal to **i** so the loop will never end
- 
- ☒ **j never increments so it is always going to print 0**
- ☐ I don't know



8.  $\sim 0x98 = ?$

Score: 1.0

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

9. What is 98 in base 16?

Score: 1.0

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

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

Score: 1.0

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

11.  $0x13 \ll 1 = ?$

Score: 1.0



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

12. When I am using O\_WRONLY | O\_CREAT | O\_APPEND -> the | are bitwise operators.

Score: 1.0

☒ **True**☐ False☐ I don't know

13. What is 0b001010010 in base10?

Score: 1.0

☐ 81☒ **82**☐ 83☐ 84☐ I don't know

14. 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

## 15. What is wrong with the following code?

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Score: 1.0



```
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

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