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Evaluation quiz correction

Evaluation Quiz: Evaluation #2

Date: 2023-02-24

Status: Done

Duration: 14 minutes

Score: 100.0%

"I don't know": 0

Success: 16

Fail: 0

Responses

0. What does this print?

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

Score: 1.0

- ☒ **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

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

(please select all correct answers)

Score: 1.0

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

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

```

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

Score: 1.0

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

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



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$
```

Score: 1.0

- ☐ 9
- ☒ 11
- ☐ 7
- ☐ I don't know



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

```
>>>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
```

Score: 1.0

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

6. What is 98 in base 16?

Score: 1.0

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

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

Score: 1.0

- ☒ True
- ☐ False
- ☐ I don't know

8. ~ 0x98 = ?



Score: 1.0**(/)**

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

9. The following code gives this incorrect output.

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

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

/**
 * main - debugging example
 * Return: 0
 */
int main(void)
{
    int i;
    int j;

    for (i = 0; i < 10; i++)
    {
        j = 0;
        while (j < 10)
        {
            printf("%d", j);
        }
        printf("\n");
    }

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



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12. $0x13 \ll 1 = ?$

Score: 1.0

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

13. What is `0b001010010` in base10?

Score: 1.0

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

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

Score: 1.0

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

15. What is wrong with the following code?



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

Score: 1.0

- ☒ **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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