Curriculum

SE Foundations Average: 137.49%

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# **Evaluation quiz correction**

Evaluation Quiz: Evaluation #2

Date: 2023-09-22

Status: Done

**Duration: 22 minutes** 

Score: 93.75%

# "I don't know": 0

# Success: 15

# Fail: 1

## Responses

#### 0. What does this print?

>>> 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





1. What is 0b001010010 in base10?	
<b>Score</b> : 1.0	
81	
☑ 82	
<b>83</b>	
84	
I don't know	
2. What does this command line print?	
>>> a = "Hello, world!"	
>>> print(a[:5])	
<b>Score</b> : 1.0	
✓ Hello	
world!	
orld!	
☐ I don't know	
3. What is the unistd symbolic constant for the standard input?	
<b>Score</b> : 1.0	
STDIN_FILENO	
■ STDOUT_FILENO	
■ STDERR_FILENO	
☐ I don't know	
	Q
	•

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$
```

- 9
- **11**
- 7
- I don't know

## 5. 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
- 6. 0x13 << 1 = ?

**Score**: 1.0

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

## 7. 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

 $8. \sim 0x98 = ?$ 

✓	0×66 (/) 0×67	
	0x68	
	I don't know	

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

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

**Score**: 1.0

<b>✓</b>	Noth	ing is	s 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

#### 10. The following code gives this incorrect output.

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

```
carnie@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$
carrie@ubuntu:/debugging$ gcc -Wall -Werror -Wextra -pedantic main.c
carrie@ubuntu:/debugging$ ./a.out
<...>
^Ccarrie@ubuntu:/debugging$
Score: 0.0
```

- 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

Q

#### 11. What is 98 in base 16?

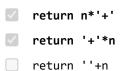
0x62 () 0x98		
0x96		
☐ I don't know		

12. 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"
  Idon'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).



return +n+n+n	
l'don't know	

14.	. What is	the correct	t combination	of of	flags (	used to	open a	file witl	h the mod	de write
on	ly, create	it if it does	n't exist and a	apper	nd new	content	t at the	end if i	t already	exists?

	O_WRONLY
	O_WRONLY   O_CREAT   O_EXCL
<b>✓</b>	O_WRONLY   O_CREAT   O_APPEND
	O_RDWR   O_CREAT   O_APPEND
	I don't know

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

**Score**: 1.0

**Score**: 1.0

**✓** True

False

I don't know

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