Software developer course:

[What is programming? (linkedin.com)](https://www.linkedin.com/learning/programming-foundations-fundamentals-3/what-is-programming?contextUrn=urn%3Ali%3AlyndaLearningPath%3A5ebaefdc498e440b07b53ea1&u=100575394)

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Software developer course:

Quiz 1:

If you were writing your source code in the JavaScript programming language, what file extension would you use to save your file?

JS

2: If you were writing your source code in the JavaScript programming language, what file extension would you use to save your file?

PY

3:

If you were developing an application for an iPhone, which IDE would you use?

Xcode

4:

Which IDE feature allows you to get code suggestions while you are typing?

IntelliSense

5:

Which tool is used to write source code?

* a text editor

6:

Which language does not use a hybrid compiler/interpreter approach?

C++

7:

Why doesn't a Python file execute when you double-click it?

* Double-clicking does not run the Python Interpreter on the source code.

8:

Which language is considered an interpreted language?

JavaScript

9:

How would you write the "Hello, world!" program in Python?

* print("Hello, world!")

10:

Source code is written in rich text.

False

11:

Programming can be defined as: converting ideas into \_\_\_\_\_ that a computer can understand.

Instructions

12:

Why do computer instructions need to be sequential?

* The order in which these instructions are executed is important.

13:

In programming, a crash is when your program stops early or freezes because something unexpected happened.

True

14:

Why are there many programming languages?

* to address many different computing needs

quiz 2:

1:

You have Python 3 installed. How will you run the Python code in the file "process.py" on the command-line prompt?

* python3 process.py

2:

To get Python code suggestions, you need to tell VS Code which Python interpreter to use.

True

3:

Which statement is true regarding Python support in VS Code?

* You need to install a VS Code extension to support Python.

4:

What does this expression evaluate to?

2 \* 3 + 2 \* 5

16

5:

Which expression evaluates to 20?

* (2 + 3) \* 4

6:

Which is an example of a syntax error?

* 2 (4\*2)

7:

Which of these is NOT a reason why we chose Python as the language for the course?

* highly performant

8:

Which concern could be considered a disadvantage of Python under certain circumstances?

* Python is a general-purpose language.

9:

Why does VS Code need a Python interpreter to be specified?

11

10:

What does this expression evaluate to?

3 + 2 \* 5

13

11:

The code below, which is supposed to print the value of the variable x, is not working. Which category does the error fall under?

x = 5 print("x")

semantic

12:

Which is an example of a runtime error?

name = "It's me!"

print("Hello.", Name)

13:

Typing “What is 2 plus 2?” into the Python prompt causes a \_\_\_\_\_.

* syntax error

14:

Which Mac application allows you to run commands and execute scripts in a command-line interface?

Terminal

15

Which command will start the Python prompt on your computer?

* python3

16:

Which command exits from the Python command-line prompt?

exit()

17:

If you execute the following expression, what is the output?

>>> 3 + 5 \* 2

13

18:

Which code can you use to print if a test score is a pass or a fail?

**You are correct!**

* if (score>=60):
* print("passed")
* else: p
* rint("failed")