**Practice Quiz: Running Python Locally**

**TOTAL POINTS 5**

1.Question 1

When your IDE automatically creates an indent for you, this is known as what?

**1 / 1 point**



Syntax highlighting



Code reuse



Interpreted language



Code completion

Ans 4

**Correct**

Nicely done! Code completion is an IDE feature that takes educated guesses about what you might be trying to type next, and offers suggestions to complete it for you.

2.Question 2

Can you identify the error in the following code?

#!/usr/bin/env python3

import numpy as np

def numpyArray():

    x = np.array([[1, 2, 3], [4, 5, 6]], np.int32)

    y = numpy.array([[3, 6, 2], [9, 12, 8]], np.int32)

    return x\*y

print(numpyArray())



The y variable is not calling the numpy module properly.



The shebang line is not necessary.



numpy is not imported correctly because as is used.



The function is not indented properly.

Ans 1

**Correct**

Nice job! While the x variable is calling numpy using its declared local name, y is not using the local name. This will result in an error.

3.Question 3

Which type of programming language is read and converted to machine code before runtime, allowing for more efficient code?

**1 / 1 point**



Object-oriented language



Compiled language



Interpreted language



Intermediate code

Ans 2

**Correct**

Awesome! A compiled language is translated into code readable by the target machine during development using a compiler.

4.Question 4

Which of the following is not an IDE or code editor?

**1 / 1 point**



Eclipse



pip



Atom



PyCharm

Ans 2

**Correct**

Right on! The package manager pip is used in Python to install packages from repositories such as PyPI.

5.Question 5

What does the PATH variable do?

**1 / 1 point**



Tells the operating system where to find executables



Returns the current working directory



Holds the command line arguments of your Python program in a list



Tells the operating system where to cache frequently used files

**Correct**

Nice work! The PATH variable tells the operating system where to find executables.

Ans 1