Practice Quiz: Running Python Locally

TOTAL POINTS 5

1. When your IDE automatically creates an indent for you, this is known as what? `1 point`

   ○ Code reuse

   ○ Syntax highlighting

   ● Code completion

   ○ Interpreted language

2. Can you identify the error in the following code? `1 point`

   ```
   1   #!/usr/bin/env python3
   2   import numpy as np
   3
   4   def numpyArray():
   5       x = np.array([[1, 2, 3], [4, 5, 6]], np.int32)
   6       y = numpy.array([[3, 6, 2], [9, 12, 8]], np.int32)
   7       return x*y
   8   print(numpyArray())
   9
   ```

   ○ numpy is not imported correctly because as is used.

   ○ The shebang line is not necessary.

   ● The y variable is not calling the numpy module properly.

   ○ The function is not indented properly.

3. Which type of programming language is read and converted to machine code before runtime, allowing for more efficient code? `1 point`

   ○ Object-oriented language

   ● Compiled language

   ○ Interpreted language

   ○ Intermediate code

4. Which of the following is not an IDE or code editor? `1 point`

   ○ Eclipse

   ● pip

   ○ Atom

   ○ PyCharm

5. What does the PATH variable do? `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

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