

Course Introduction

Getting Ready for Python

Running Python Locally

Video: Interpreted vs. Compiled Languages
2 min

Video: How to Run a Python Script
6 min

Video: Your Own Python Modules
5 min

Video: What is an IDE?
4 min

Leitura: Setting up Your Environment
10 min

Teste para praticar: Practice Quiz: Running Python Locally
5 perguntas

Automating Tasks Through Programming

Introduction to Qwiklabs

Module Review

Parabéns! Você foi aprovado!
Nota recebida 100% Para ser aprovado 80% ou superior

Practice Quiz: Running Python Locally

Total de pontos 5

Envie sua tarefa

Tentar novamente

Receber nota

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

☐ Syntax highlighting

☐ Interpreter usage

☒ Code completion

☐ Code reuse

Correto

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.

Sua nota

100%

Ver feedback

Matheemos sua pontuação mais alta

2. Can you identify the error in the following code?

1 / 1 ponto

```
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
```

☐ The shebang line is not necessary.

☐ numpy is not imported correctly because as is used.

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

☐ The function is not indented properly.

Correto

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

1 / 1 ponto

☐ Object-oriented language

☒ Compiled language

☐ Interpreted language

☐ Intermediate code

Correto

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

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

1 / 1 ponto

☐ Eclipse

☒ pip

☐ Atom

☐ PyCharm

Correto

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

5. What does the PATH variable do?

1 / 1 ponto

☒ 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

Correto

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