

Preparing the environment

Welcome to the course!!!

I hope you have a great learning journey throughout the course!! We will learn how to use methodologies and best practices aimed at using tests in the development of Python projects.

To be able to follow the classes, it is recommended that you have [Python 3.9.9](https://www.python.org/downloads/) installed.

If you need help installing Python, we recommend the following links:



[Dashboard](#) [Community](#)



[linguagem/task/22687](#)).

- [Step by step to install on other operating systems](#) (<https://cursos.alura.com.br/course/python-introducao-a-linguagem/task/22688>).

We also recommend using [PyCharm Community](https://www.jetbrains.com/pycharm/download/) (<https://www.jetbrains.com/pycharm/download/>). As an IDE, however, it is worth remembering that there are a variety of options such as **Visual Studio Code** and **Sublime Text**.

- [PyCharm Community for Windows](#) (<https://www.jetbrains.com/pycharm/download/#section=windows>)
- [PyCharm Community for Linux](#) (<https://www.jetbrains.com/pycharm/download/#section=linux>)
- [PyCharm Community for MacOS](#) (<https://www.jetbrains.com/pycharm/download/#section=mac>)

We will use as a starting point the **Bytebank** project that Dominique, a junior developer, is working on. To download the project, just click [here](https://github.com/alura-cursos/2622-python-tdd/archive/57de629597dabe71ad125067e9dbedde5babe577.zip) (<https://github.com/alura-cursos/2622-python-tdd/archive/57de629597dabe71ad125067e9dbedde5babe577.zip>).

Throughout the course we will use some frameworks and libraries to advance our testing studies. Below are all the programs, languages and extensions used throughout the course.

Versions used:

- Python: 3.8.10
- PyCharm: 2021.3.2
- pytest: 7.1.2
- pytest-cov: 3.0.0

If you have any questions about the installation or during the course, you can contact the Alura forum!

Let's dive into our studies? 😊