



Piscines: Quick presentation

Summary:

Version: 1.2

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Chapter I

Piscine

What is a piscine?

Much like the selection piscine, this project is split into many small projects (modules), with each day introducing a new concept related to the language, paradigm, or technology you have chosen to work on. Validating a piscine requires more than just a day or two of investment. To ensure that this piscine is completed correctly, it is recommended that you take note of everything listed below:

- You cannot validate the piscine if you work only on one or two projects.
- Try to submit your work every day: even if something is not finished, it is better to attempt a submission.
- At least a week's worth of work: taking on the piscine should not be taken lightly.
- Each initialized repository will be automatically closed after one day.
- You have two days to complete the required peer evaluations in each module.
- It is possible to retry your modules without waiting.



It is important not to work on these modules alone. For this reason, it is **highly** recommended to approach these piscines with several students.

Chapter II

Preamble

Here is what Wikipedia has to say about Python:

Python is a genus of constricting snakes in the Pythonidae family, native to the tropics and subtropics of the Eastern Hemisphere.

The name *Python* was proposed by François Marie Daudin in 1803 for non-venomous, flecked snakes. Currently, 10 python species are recognized as valid taxa.

Three formerly considered python subspecies have been promoted, and a new species has been recognized.

However, this is not the type of Python we will discuss in the rest of this module.

We will explore the Python programming language, a high-level, object-oriented language that is widely used in data science due to its extensive collection of libraries, which can be highly beneficial in this field.

Chapter III

Instructions

To validate this piscine, you must complete the following projects:

- [Python - 0 - Starting](#)
- [Python - 1 - Array](#)
- [Python - 2 - DataTable](#)
- [Python - 3 - OOP](#)
- [Python - 4 - Dod](#)

You must complete each project in this order. Indeed, it will not be possible to register for a project if the previous project is not validated.



You must be registered for this project.



It is important to refer to this document to access your projects.
You can click on each module on this page to access it, or use the
list of available projects in your intra.