

# CERTIFICATE OF COMPLETION

This award certifies that

Otilia Uriasu

Has successfully completed  
Python Programmer

Authorized by  INFOACADEMY

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Certificate ID

3 Dec 2024

Date

Validate your certificate by visiting this link: [https://www.infoacademy.ro/certificate\\_v2/667d82b0011a54b86600ba69/user/667e85007](https://www.infoacademy.ro/certificate_v2/667d82b0011a54b86600ba69/user/667e85007)



Dear Otilia Uriasu

I want to **congratulate** you on completing the **Python Programmer** course as part at InfoAcademy®. This hands-on, lab-oriented course has prepared you for tremendous career opportunities.

You have achieved student level credential for completing this course and acquired the following **capabilities**:

- Understand and work with different types of variables
- Use if, if in if, if-else, if-elif-else decisional statements, while and for loop statements
- Use tuple, list, set and dictionary
- Understand Python functions
- Understand OOP in Python, including inheritance and polymorphism in Python, special methods like `__init__`, `__str__`, `__len__`, `__getattr__`, `__setattr__` etc., public attributes and methods
- Read and write various files in Python
- Create modules and packages for code reuse
- Install and use different modules
- Working with regular expressions
- Working with databases in Python
- Working with Excel and .csv in Python
- Send emails from local or external SMTP servers
- Create different types of charts
- Exceptions in Python
- Made executable files from Python
- Create a simple graphic interface

Sincerely,

Paul Fratila

President InfoAcademy

Signature

03/12/2024

Date