CERTIFICATE OF COMPLETION

This award certifies that

Marinela-Alina Creteanu

Has successfully completed

Python Programmer

Authorized by INFOACADEMY

672b95c7214732314a0abbc2

Certificate ID

6 Nov 2024

Date

Validate your certificate by visiting this link: https://mycourse.app/nA1xs1hu2sfhQX5m9

INFOACADEMY

Dear Marinela-Alina Creteanu

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__, __getattribute__, __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

06/11/2024

Date