



PCAP: Programming Essentials in Python

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- knows the universal concepts of computer programming, including variables, data structures, algorithms, control flow, functions, and exceptions;
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- can use fundamental programming techniques, best practices, customs, and vocabulary, including the most common standard library functions in Python 3;
- can write Python programs using standard language infrastructure, and knows the means by which to resolve typical implementation problems;
- knows how to work with modules and packages, process text and binary files, and use generators, iterators, and closures;
- understands the fundamentals of object-oriented programming (OOP) and the way they are adopted in Python.

Vladis Kuznetsov		
Student		
National Transport University		
Academy Name		
Ukraine	27 Dec 2023	
Location	Date	





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Maksym Pysanyi		
Student		
National Transport University		
Academy Name		
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Oleksandra Pavlenko PR-II-II	
Student	
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Валерій Чижевський		
Student		
National Transport University		
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Євгеній Мельник		
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Alim Humeniuk		
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Denys Plotnikov		
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Denys Tytovich KH-II-II		
Student		
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Maksim Grachov ΠΡ-2-2		
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Sviatoslav Andriychenko KH 2-2		
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Vitalik Isaenko пр2-2		
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Vladislav Korolyov PR - II - I		
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Андрій Карандась ПР-2-2		
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Богдана Образцова (ПР-2-2)		
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