



Politechnika Łódzka

Instytut Elektroniki

Algorytmy i struktury danych

Instalacja środowiska programistycznego języka Python

Łódź 2018



www.python.org

The screenshot shows the Python.org homepage. At the top, there is a navigation bar with links: Python, PSF, Docs, PyPI, Jobs, and Community. Below this is a large blue banner with the Python logo and the word 'python' in white. To the right of the logo is a search bar with a magnifying glass icon, a 'GO' button, and a 'Socialize' button. Below the banner is a row of navigation links: About, Downloads (circled in red), Documentation, Community, Success Stories, News, and Events. The main content area is divided into two columns. The left column contains a code snippet demonstrating Python 3 syntax for printing and input. The right column features the heading 'Quick & Easy to Learn' followed by a paragraph about Python's ease of learning and a link to 'Whet your appetite with our Python 3 overview.' Below this paragraph are five numbered buttons (1-5). At the bottom of the banner, there is a statement: 'Python is a programming language that lets you work quickly and integrate systems more effectively. >>> [Learn More](#)'.

```
# Python 3: Simple output (with Unicode)
>>> print("Hello, I'm Python!")
Hello, I'm Python!

# Input, assignment
>>> name = input('What is your name?\n')
>>> print('Hi, %s.' % name)
What is your name?
Python
Hi, Python.
```

Quick & Easy to Learn

Experienced programmers in any other language can pick up Python very quickly, and beginners find the clean syntax and indentation structure easy to learn. [Whet your appetite](#) with our Python 3 overview.

1 2 3 4 5

Python is a programming language that lets you work quickly and integrate systems more effectively. >>> [Learn More](#)



Pakiety instalacyjne

Python Releases for Windows

Python 3.x

- [Latest Python 3 Release - Python 3.7.1](#)
- [Latest Python 2 Release - Python 2.7.15](#)

[Python 3.7.1 - 2018-10-20](#)

- Download [Windows x86 web-based installer](#)
- Download [Windows x86 executable installer](#)
- Download [Windows x86 embeddable zip file](#)
- Download [Windows x86-64 web-based installer](#)
- Download [Windows x86-64 executable installer](#)
- Download [Windows x86-64 embeddable zip file](#)
- Download [Windows help file](#)

[Python 3.6.7 - 2018-10-20](#)

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- Download [Windows x86-64 executable installer](#)
- Download [Windows x86-64 embeddable zip file](#)
- Download [Windows help file](#)

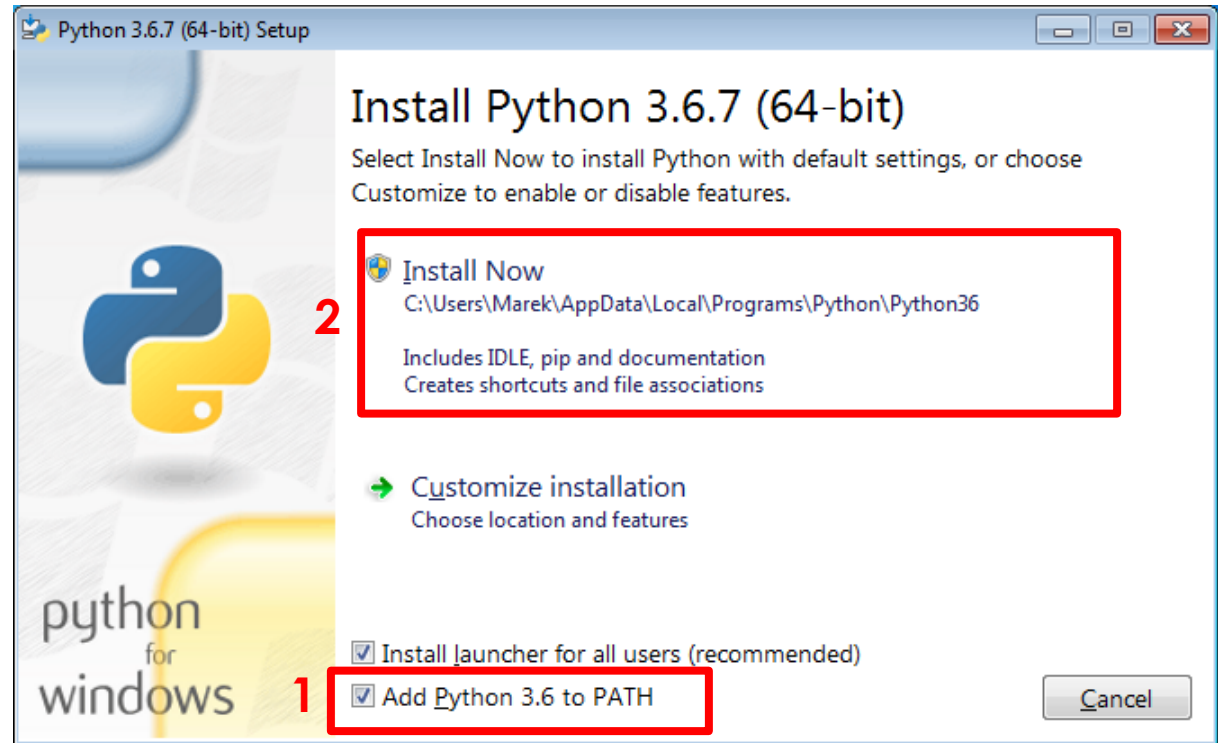
[Python 3.7.1rc2 - 2018-10-13](#)

- Download [Windows x86 web-based installer](#)
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Instalacja

Ikona programu
instalacyjnego

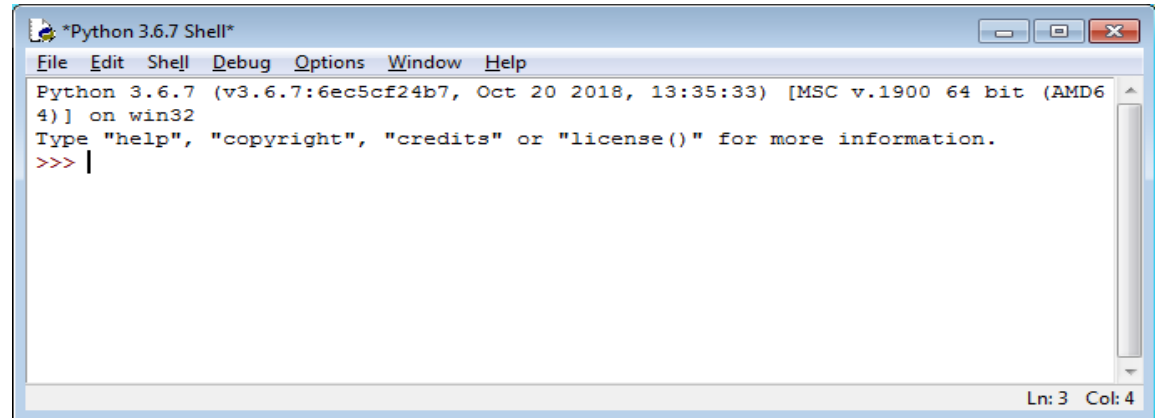
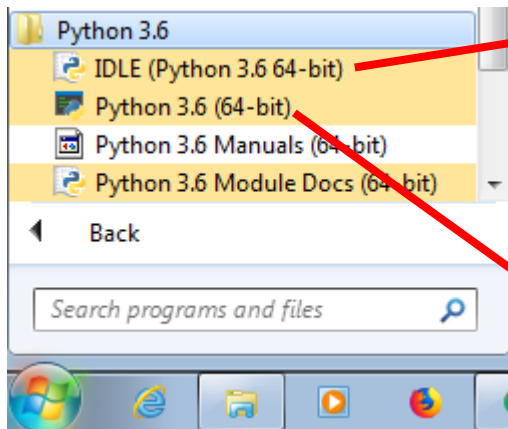




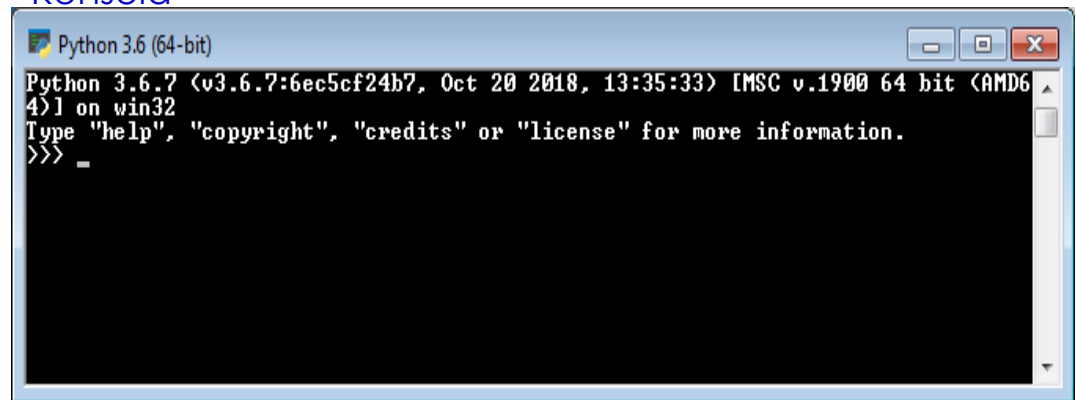
Środowisko programistyczne

Zintegrowane środowisko programistyczne
(ang. *Integrated Development and Learning Environment, IDLE*)

Menu Start w Windows



Konsola





Pierwszy skrypt

1. Uruchom program IDLE
2. Utwórz nowy plik (*File->New File*)
3. Wpisz kod programu
4. Zapisz skrypt jako *test.py* w **wybranym** katalogu
5. Uruchom skrypt (*Run->Run Module F5*)

Edytor skryptów

```
test.py - C:/Users/Marek/Desktop/test.py (3.6.7)
File Edit Format Run Options Window Help
print('Hello World!')
Ln: 2 Col: 0
```

Okno programu IDLE

```
Python 3.6.7 Shell
File Edit Shell Debug Options Window Help
Python 3.6.7 (v3.6.7:6ec5cf24b7, Oct 20 2018, 13:35:33) [MSC v.1900 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Marek/Desktop/test.py =====
Hello World!
>>> |
Ln: 6 Col: 4
```