



Technical University of Łódz
Institute of Electronics

Algorithms and Data Structures

Windows Python instalation

Łódź 2018



www.python.org

A screenshot of the Python.org homepage. At the top, there is a navigation bar with links for Python, PSF, Docs, PyPI, Jobs, and Community. Below the navigation bar is the Python logo and the word "python" in lowercase. To the right of the logo is a search bar with a magnifying glass icon and a "GO" button, followed by a "Socialize" link. The main content area has a blue header with tabs for About, Downloads, Documentation, Community, Success Stories, News, and Events. The "Downloads" tab is highlighted and circled in red. Below the header, there is a code snippet window showing Python 3 code and its output. To the right of the code window is a section titled "Quick & Easy to Learn" with text about Python's learnability. At the bottom of the page, there is a summary statement about Python's purpose and a "Learn More" link.

Python PSF Docs PyPI Jobs Community

python™

About Downloads Documentation Community Success Stories News Events

```
# 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](#)



Installation

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

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Python 3.7.1rc2 - 2018-10-13

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Installation

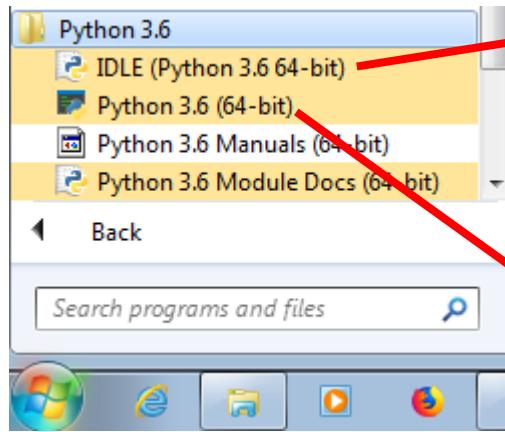
Installer icon





The Python Environment

Windows Start Menu



Integrated Development and Learning Environment (IDLE)

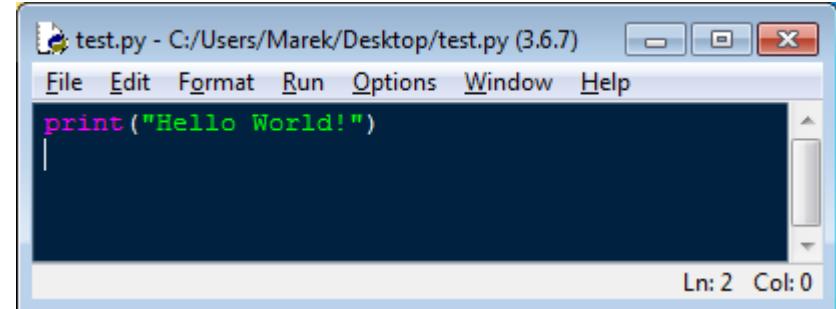
Python console



Run a first script

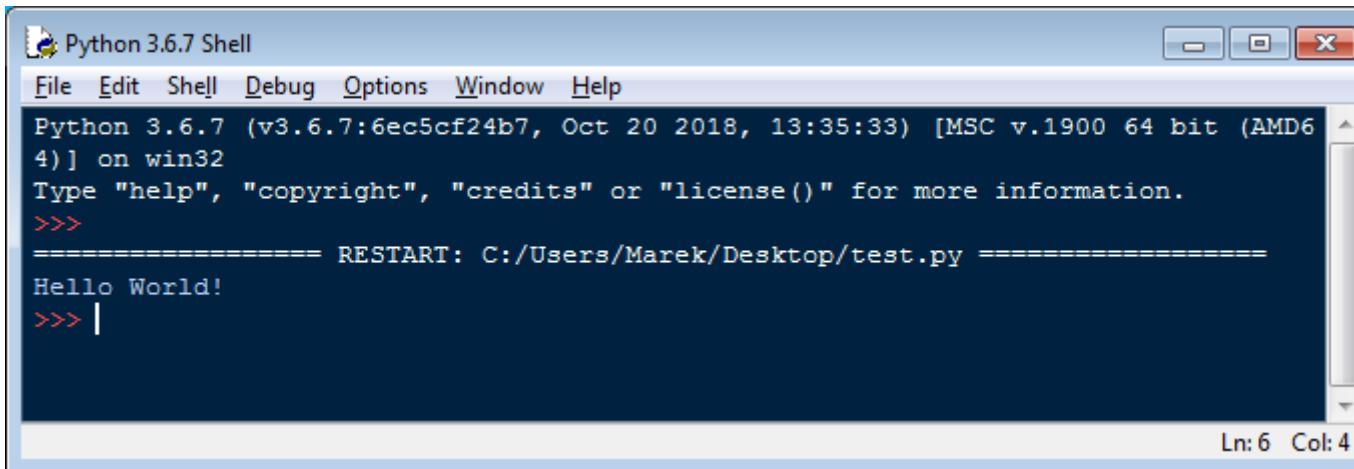
1. Open an IDLE
2. Create a new file (*File->New File*)
3. Type in a program
4. Save it as *test.py* file in a chosen folder
5. Run the script (*Run->Run Module F5*)

Script editor window



```
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
```

IDLE window



```
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
```