

Installation of Python IDE

The image shows a sequence of steps for installing Python. It starts with the Python.org homepage, which features a navigation bar with links to Python, PSF, Docs, PyPI, Jobs, and Community. The main content area includes a search bar, a 'Donate' button, and a 'Socialize' button. Below this, there are tabs for About, Downloads, Documentation, Community, Success Stories, News, and Events. A code snippet for a Fibonacci function is displayed, along with its output. A section titled 'Functions Defined' explains the core of extensible programming. At the bottom, a message states: 'Python is a programming language that lets you work quickly and integrate systems more effectively. >>> [Learn More](#)'.

The second screenshot shows the 'Downloads' page for Python 3.7.4. It lists various installation options for different operating systems and architectures. The table below provides details for each option.

Version	Operating System	Description	MD5 Sum	File Size	GPG
Gzipped source tarball	Source release		68111671e5b2db4aef7b9ab01bf0f9be	23017663	SIG
XZ compressed source tarball	Source release		d33e4aae66097051c2eca45ee3604803	17131432	SIG
macOS 64-bit/32-bit Installer	macOS	for Mac OS X 10.6 and later	6428b4fa7583daff1a442cba8cee08e6	34898416	SIG
macOS 64-bit installer	macOS	for OS X 10.9 and later	5dd605c38217a45773bf5e4a936b241f	28082845	SIG
Windows help file	Windows		d63999573a2c06b2ac56cade6b4f7cd2	8131761	SIG
Windows x86-64 embeddable zip file	Windows	for AMD64/EM64T/x64	9b00c8cf6d9ec0b9abe83184a40729a2	7504391	SIG
Windows x86-64 executable installer	Windows	for AMD64/EM64T/x64	a702b4b0ad76debdb3043a583e563400	26680368	SIG
Windows x86-64 web-based installer	Windows	for AMD64/EM64T/x64	28cb1c608bbd73ae8e53a3bd351b+bd2	1362904	SIG
Windows x86 embeddable zip file	Windows		9fab3b81f8841879fda94133574139d8	6741626	SIG
Windows x86 executable installer	Windows		33cc602942a54446a3d6451476394789	25663848	SIG
Windows x86 web-based installer	Windows		1b670cfa5d317df82c30983ea371d87c	1324608	SIG

The third screenshot shows the command prompt window with the command 'python-3.7.4-amd64.exe' entered. The taskbar at the bottom indicates the system time as 08:23 PM on 05-11-2022.


Python Release Python 3.7.4 | Py | X +

python.org/downloads/release/python-374/

Files

Version	Operation System	Description	MD5 Sum	File Size	GPG
Gzipped source tarball				23017663	SIG
XZ compressed source tarball				17131432	SIG
macOS 64-bit/32-bit installer				34898416	SIG
macOS 64-bit installer				28082845	SIG
Windows help file				8131761	SIG
Windows x86-64 embeddable zip file				7504391	SIG
Windows x86-64 executable installer				26680368	SIG
Windows x86-64 web-based installer				1362904	SIG
Windows x86 embeddable zip file				6741626	SIG
Windows x86 executable installer				25663848	SIG
Windows x86 web-based installer				1324608	SIG

Python 3.7.4 (64-bit) Setup



python
for
windows

Install Python 3.7.4 (64-bit)

Select Install Now to install Python with default settings, or choose Customize to enable or disable features.

Install Now

C:\Users\ASUS\AppData\Local\Programs\Python\Python37

Includes IDLE, pip and documentation

Creates shortcuts and file associations

Customize installation

Choose location and features

☒ Install launcher for all users (recommended)

☒ Add Python 3.7 to PATH

Cancel

AboutDownloadsDocumentationCommunitySuccess StoriesNews

Type here to search

26°C Clear

08:24 PM 05-11-2022


Python Release Python 3.7.4 | Py | X +

python.org/downloads/release/python-374/

Files

Version	Operation System	Description	MD5 Sum	File Size	GPG
Gzipped source tarball				23017663	SIG
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Python 3.7.4 (64-bit) Setup



python
for
windows

Optional Features

☒ Documentation
Installs the Python documentation file.

☒ pip
Installs pip, which can download and install other Python packages.

☒ tk/tk and IDLE
Installs tkinter and the IDLE development environment.

☒ Python test suite
Installs the standard library test suite.

☒ py launcher ☒ for all users (requires elevation)
Installs the global 'py' launcher to make it easier to start Python.

BackNextCancel

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08:25 PM 05-11-2022

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Python 3.7.4 (64-bit) Setup

Advanced Options

- ☐ Install for all users
- ☒ Associate files with Python (requires the py launcher)
- ☒ Create shortcuts for installed applications
- ☒ Add Python to environment variables
- ☐ Precompile standard library
- ☐ Download debugging symbols
- ☐ Download debug binaries (requires VS 2015 or later)

Customize install location
C:\Python\Python37 Browse

Back Install Cancel

Create A Database In Cloudant DB

Develop The Python Script

Develop A Python Script

PROJECT DETAILS TASK & PROGRESS MENTOR REVIEW


Python 3.7.4 (64-bit) Setup

Setup was successful

Special thanks to Mark Hammond, without whose years of freely shared Windows expertise, Python for Windows would still be Python for DOS.

New to Python? Start with the [online tutorial](#) and [documentation](#).

See [what's new](#) in this release.

 **Disable path length limit**
Changes your machine configuration to allow programs, including Python, to bypass the 260 character "MAX_PATH" limitation.

Close

Create A Database In Cloudant DB

Develop The Python Script

Develop A Python Script

WhatsApp | SWMS - Agile board - Jira | IBM | IBM-Project-40294-1660627 | Resource list - IBM Cloud | +

careereducation.smartinternz.com/Student/guided_project_workspace/19894

PROJECT DETAILS | TASK & PROGRESS | MENTOR REVIEW

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Develop A Python Script

Python 3.7.4 Shell

File Edit Shell Debug Options Window Help

```
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("Smart Waste Management System For Metropolitan Cities")
Smart Waste Management System For Metropolitan Cities
>>>
```

Ln: 5 Col: 4

26°C Clear | 08:27 PM | 05-11-2022

```
Python 3.7 (64-bit)
Python 3.7.4 (tags/v3.7.4:009359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("Hello World!")
Hello World!
>>>
```

```
Command Prompt
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\VASUS>python
Python 3.7.4 (tags/v3.7.4:009359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("Hello World!")
Hello World!
>>> quit()

C:\Users\VASUS>
```