SOFTWARE

Python Installation Process:
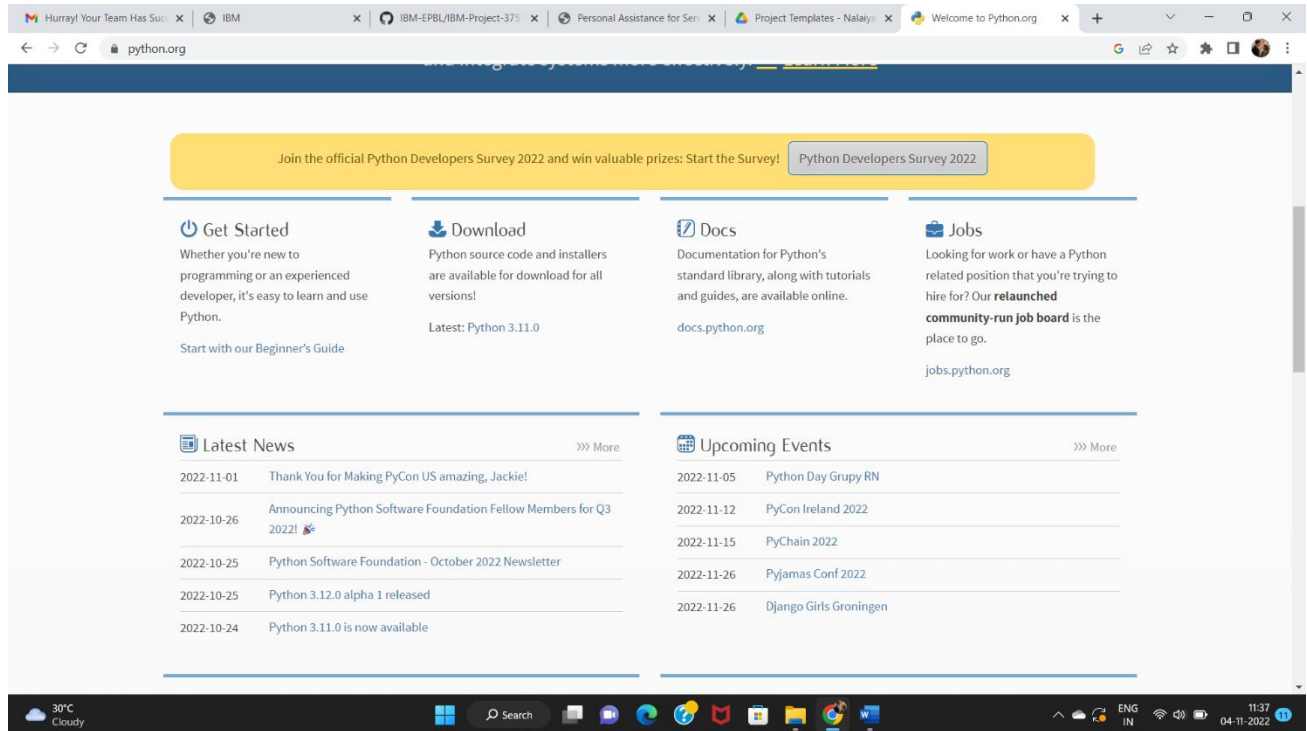
Screenshot 1

Files

Version	Operating System	Description	MD5 Sum	File Size	GPG	Sigstore
Gzipped source tarball	Source release		fbe3fff11893916ad1756b15c8a48834	26015299	SIG	CRT SIG
XZ compressed source tarball	Source release		e92356b012ed4d0e09675131d39b1bde	19619508	SIG	CRT SIG
macOS 64-bit universal2 installer	macOS	for macOS 10.9 and later	eb11b5816b1a37d934070145391eadfe	40883084	SIG	CRT SIG
Windows embeddable package (32-bit)	Windows		e0dbee095e5963b26b8bf258fd2b9f41	7617241	SIG	CRT SIG
Windows embeddable package (64-bit)	Windows		923be16c4cef2474b7982d16cea60ddb	8592015	SIG	CRT SIG
Windows help file	Windows		0cbba41f049c8f496f4fb18d84430d9a	9379210	SIG	CRT SIG
Windows installer (32-bit)	Windows		10efcd9a8777fe84f9a9c583d074e632	27820784	SIG	CRT SIG
Windows installer (64-bit)	Windows	Recommended	308a3d095311fbc82e5c696ab4036251	28978512	SIG	CRT SIG

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Applications	All releases	Docs	Diversity	Arts	Python News
Quotes	Source code	Audio/Visual Talks	Mailing Lists	Business	PSF Newsletter
Getting Started	Windows	Beginner's Guide	IRC	Education	Community News
Help	macOS	Developer's Guide	Forums	Engineering	PSF News

Screenshot 2

scribed as the Brazil nut effect when the largest particles end up on the surface of a granular material containing a mixture of variously sized objects; this derives from the example of a typical container of mixed nuts, where the largest will be Brazil nuts. The phenomenon is also known as the muesli effect since it is seen in packets of breakfast cereal containing particles of different sizes but similar densities, such as muesli mix. Under experimental conditions, granular convection of variously sized particles has been observed forming convection cells similar to fluid motion.

Full Changelog

Files

Python 3.10.8 (32-bit) Setup

Install Python 3.10.8 (32-bit)

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

→ **Install Now**
C:\Users\Pavithra\AppData\Local\Programs\Python\Python310-32

Includes IDLE, pip and documentation
Creates shortcuts and file associations

→ **Customize installation**
Choose location and features

☑ Use admin privileges when installing py.exe
☐ Add python.exe to PATH   Cancel

Version		File Size	GPG	Sigstore
Gzipped source tarball		26015299	SIG	CRT SIG
XZ compressed source tarball		19619508	SIG	CRT SIG
macOS 64-bit universal2 installer		40883084	SIG	CRT SIG
Windows embeddable package (32-bit)		7617241	SIG	CRT SIG
Windows embeddable package (64-bit)		8592015	SIG	CRT SIG
Windows help file		9379210	SIG	CRT SIG
Windows installer (32-bit)		27820784	SIG	CRT SIG
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Windows embeddable package (64-bit)				8592015	SIG	CRT	SIG
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Windows installer (32-bit)				27820784	SIG	CRT	SIG
Windows installer (64-bit)	Windows	Recommended	308a3d095311fbc82e5c696ab4036251	28978512	SIG	CRT	SIG

Python 3.10.8 (32-bit) Setup

Optional Features

☑ Documentation
Installs the Python documentation file.

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

☑ tcl/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 admin privileges)
Upgrades the global 'py' launcher from the previous version.

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Windows embeddable package (64-b				8592015	SIG	CRT	SIG
Windows help file				9379210	SIG	CRT	SIG
Windows installer (32-bit)				27820784	SIG	CRT	SIG
Windows installer (64-bit)	Windows	Recommended	308a3d095311fbc82e5c696ab4036251	28978512	SIG	CRT	SIG

Python 3.10.8 (32-bit) Setup

Advanced Options

☐ Install Python 3.10 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 2017 or later)

Customize install location

C:\Users\Pavithra\AppData\Local\Programs\Python\Python3   Browse

Back   Install   Cancel

python for windows

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Python 3.10.8 (32-bit) Setup

Setup Progress

Installing:

Initializing...

Cancel

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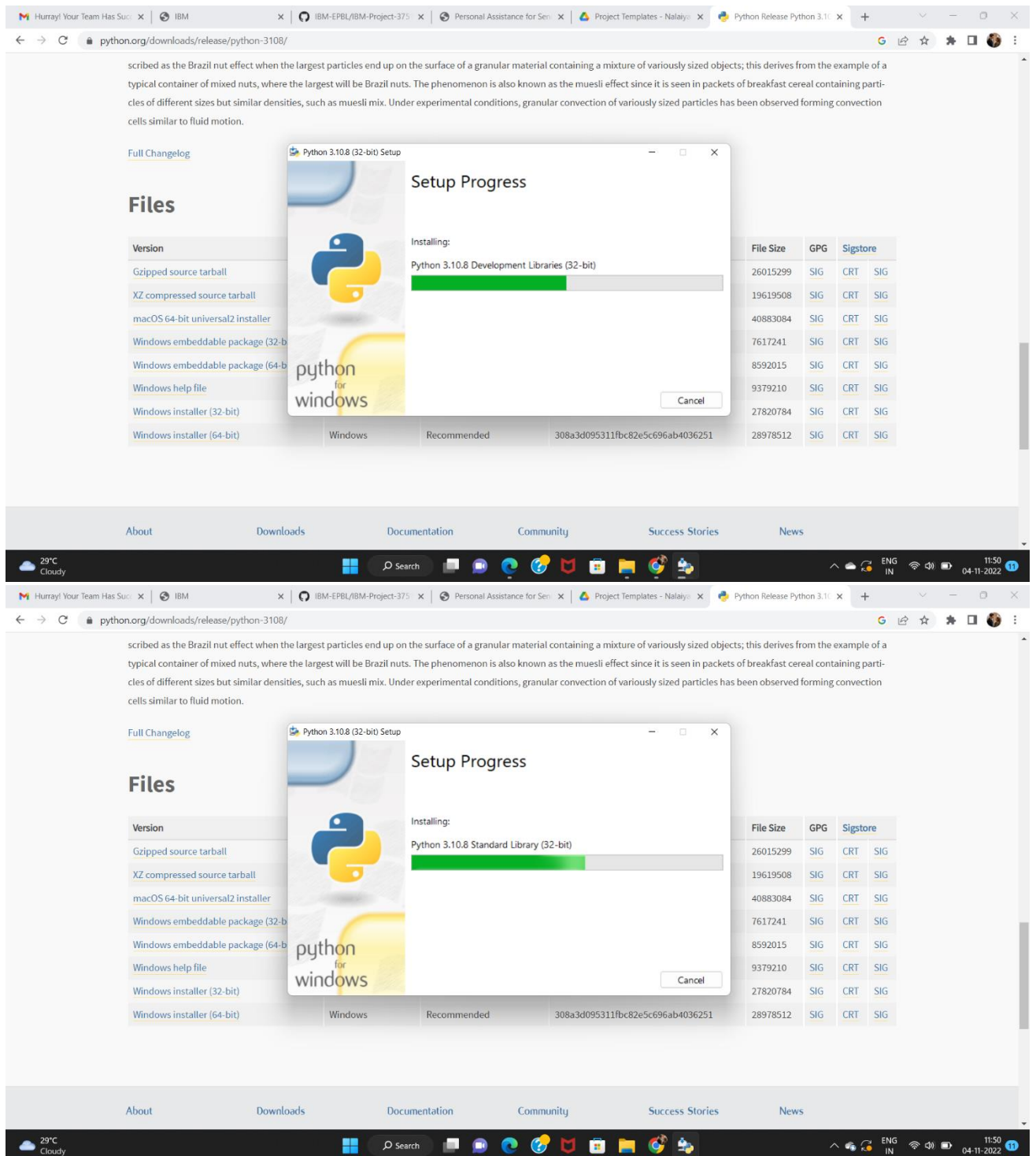
← → C 🔒 python.org/downloads/release/python-3108/

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Windows embeddable package (64-b				8592015	SIG	CRT	SIG	
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Python 3.10.8 (32-bit) Setup

Setup Progress

Installing:

Python 3.10.8 pip Bootstrap (32-bit)

Cancel

python for windows

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Full Changelog

Files

Python 3.10.8 (32-bit) Setup

Setup was successful

New to Python? Start with the online tutorial and documentation. At your terminal, type "py" to launch Python, or search for Python in your Start menu.

See what's new in this release, or find more info about using Python on Windows.

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

Close

python for windows

Version				File Size	GPG	Sigstore		
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XZ compressed source tarball				19619508	SIG	CRT	SIG	
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Windows help file				9379210	SIG	CRT	SIG	
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typical container of mixed nuts, where the [...] s of breakfast cereal containing parti-
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cells similar to fluid motion.

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Windows installer (64-bit)	28978512	SIG	CRT SIG

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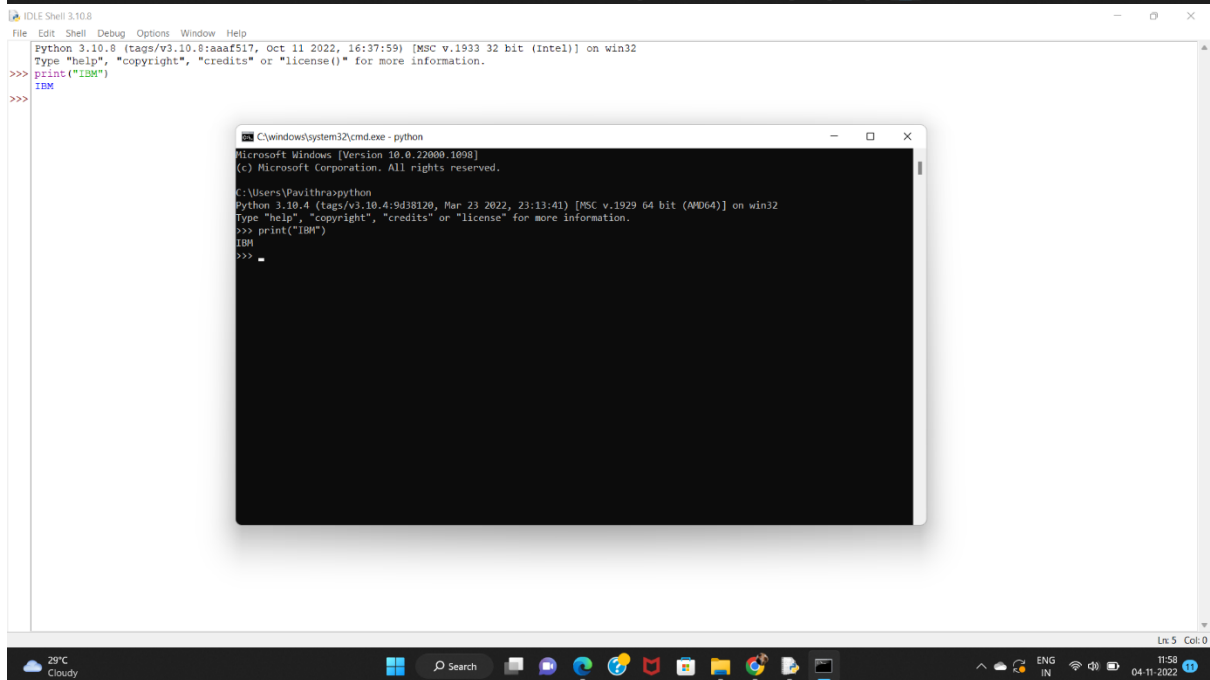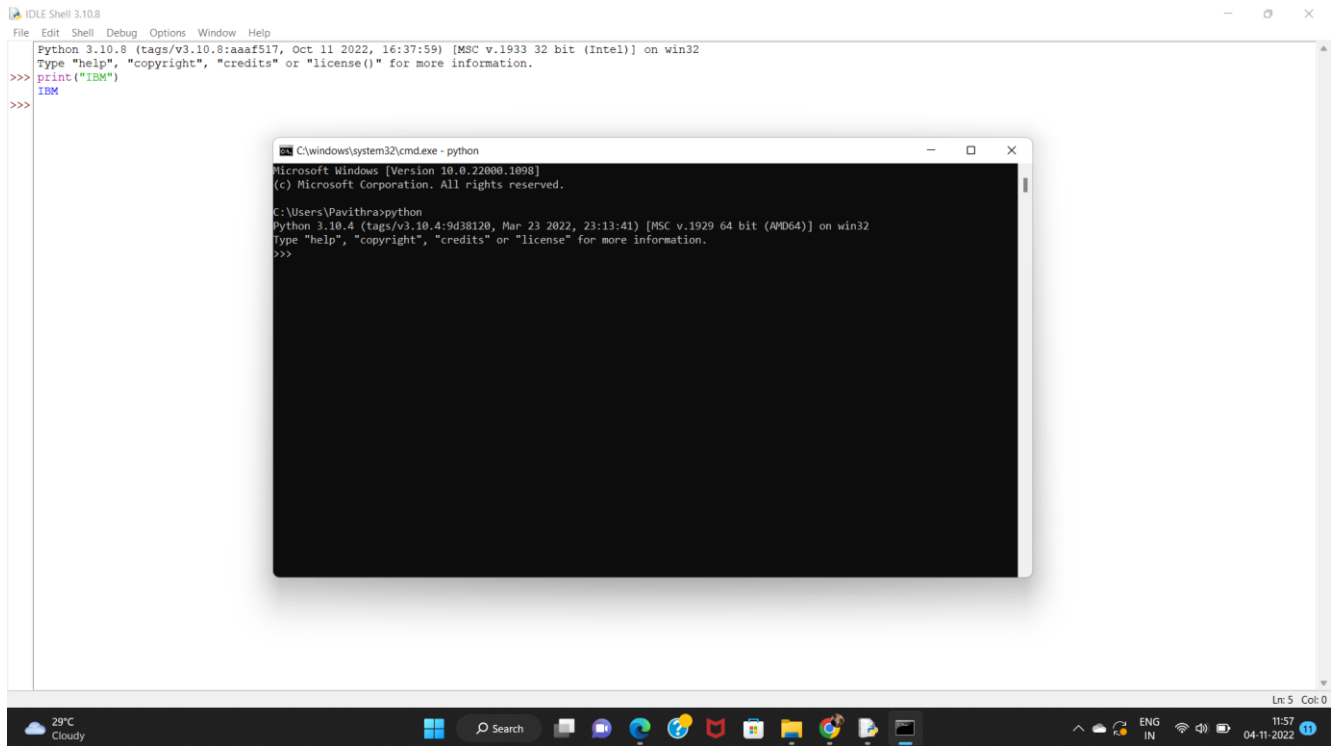https://www.python.org/ftp/python/3.10.8/python-3.10.8.exe.asc
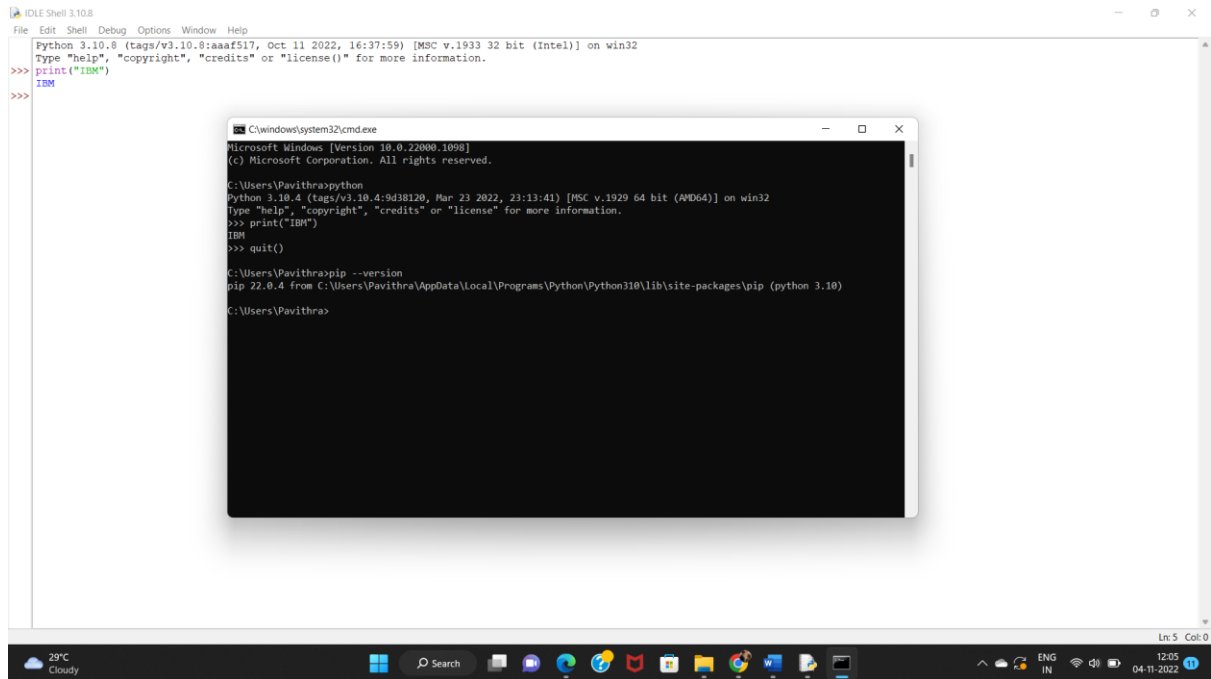

IDLE Shell 3.10.8

File Edit Shell Debug Options Window Help

```
Python 3.10.8 (tags/v3.10.8:aaaf517, Oct 11 2022, 16:37:59) [MSC v.1933 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("IBM")
IBM
>>>
```

Screenshot 1 (IDLE Shell 3.10.8):

```
Python 3.10.8 (tags/v3.10.8:aaaf517, Oct 11 2022, 16:37:59) [MSC v.1933 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("IBM")
IBM
>>>
```

cmd.exe - python:

```
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Pavithra>python
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

Screenshot 2 (IDLE Shell 3.10.8):

```
Python 3.10.8 (tags/v3.10.8:aaaf517, Oct 11 2022, 16:37:59) [MSC v.1933 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("IBM")
IBM
>>>
```

cmd.exe - python:

```
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Pavithra>python
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> print("IBM")
IBM
>>>
```

SUBMITTED BY:

M.PAVITHRA

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S. HARIKRISHNAN

G. SANTHOSH