

## PREREQUISITES SOFTWARE

Date	31 October 2022
Team ID	PNT2022TMID34017
Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring and Notification

### PYTHON :

#### 1.Search for python 3.7.4

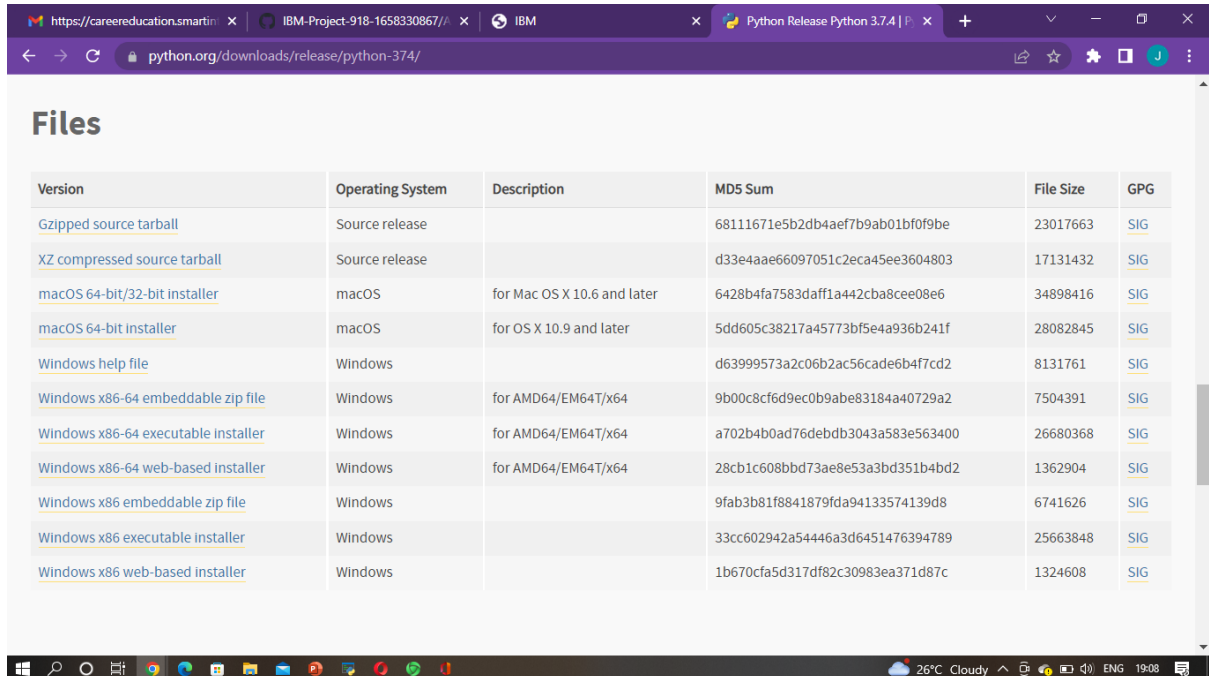
The screenshot shows a Microsoft Bing search results page for the query 'python'. The search bar at the top contains 'python' and shows 13,30,00,000 results. Below the search bar, there are tabs for ALL, IMAGES, VIDEOS, MAPS, NEWS, and SHOPPING. The main results area features a large card for 'Python Programming language' with buttons for 'Download', 'Features', 'Games', and 'Documentation'. To the left of this card is a 'Welcome to Python.org' section with a link to 'https://www.python.org' and a brief description of Python. Below this, there are sections for 'Downloads', 'Windows', 'Python Release Python 3.9.4', 'About', 'Community', and 'Success Stories'. To the right of the main card is a 'Python Software' section with a description of Python as a high-level, general-purpose programming language, a link to the Wikipedia page, and information about the Python Software Foundation, including product info, platform, and official website.

#### 2.Open the downloads from the above website. Click the download from python 3.7.4.

The screenshot shows the 'python.org/downloads/' page. At the top, there is a heading 'Looking for a specific release?' and a subheading 'Python releases by version number:'. Below this is a table with three columns: 'Release version', 'Release date', and 'Click for more'. The table lists several Python versions, including Python 2.7.17, Python 3.7.5, Python 3.8.0, Python 3.7.4, Python 3.6.9, Python 3.7.3, and Python 3.4.10. Each row has a 'Download' link and a 'Release Notes' link. Below the table, there is a link to 'View older releases'. At the bottom of the page, there is a 'Sponsors' section with the text 'Visionary sponsors help to host Python downloads.'

Release version	Release date	Click for more
Python 2.7.17	Oct. 19, 2019	<a href="#">Download</a> <a href="#">Release Notes</a>
Python 3.7.5	Oct. 15, 2019	<a href="#">Download</a> <a href="#">Release Notes</a>
Python 3.8.0	Oct. 14, 2019	<a href="#">Download</a> <a href="#">Release Notes</a>
Python 3.7.4	July 8, 2019	<a href="#">Download</a> <a href="#">Release Notes</a>
Python 3.6.9	July 2, 2019	<a href="#">Download</a> <a href="#">Release Notes</a>
Python 3.7.3	March 25, 2019	<a href="#">Download</a> <a href="#">Release Notes</a>
Python 3.4.10	March 18, 2019	<a href="#">Download</a> <a href="#">Release Notes</a>

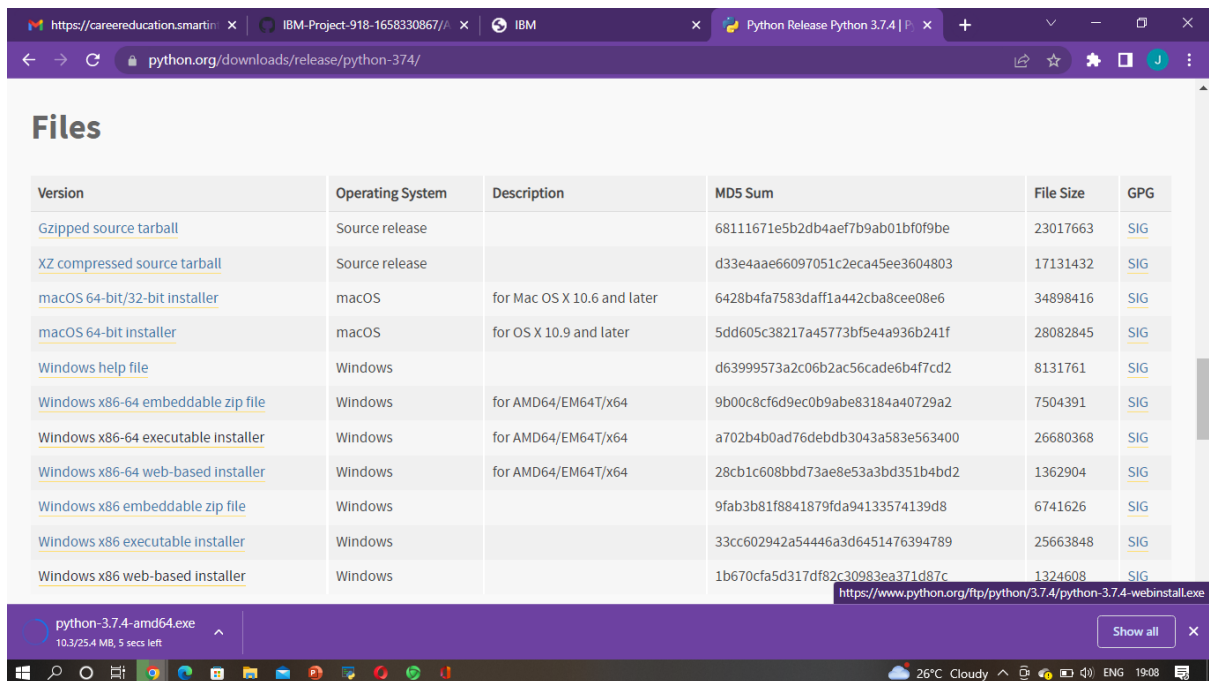
### 3. Select the windows x86-64 executable installer



The screenshot shows the Python 3.7.4 download page on python.org. The browser tabs include 'careereducation.smartin', 'IBM-Project-918-1658330867', 'IBM', and 'Python Release Python 3.7.4'. The address bar shows 'python.org/downloads/release/python-374/'. The page title is 'Files'. Below the title is a table with columns: Version, Operating System, Description, MD5 Sum, File Size, and GPG. The table lists various download options for different operating systems. The Windows x86-64 executable installer is highlighted.

Version	Operating System	Description	MD5 Sum	File Size	GPG
<a href="#">Gzipped source tarball</a>	Source release		68111671e5b2db4aef7b9ab01bf0f9be	23017663	<a href="#">SIG</a>
<a href="#">XZ compressed source tarball</a>	Source release		d33e4aae66097051c2eca45ee3604803	17131432	<a href="#">SIG</a>
<a href="#">macOS 64-bit/32-bit installer</a>	macOS	for Mac OS X 10.6 and later	6428b4fa7583daff1a442cba8cee08e6	34898416	<a href="#">SIG</a>
<a href="#">macOS 64-bit installer</a>	macOS	for OS X 10.9 and later	5dd605c38217a45773bf5e4a936b241f	28082845	<a href="#">SIG</a>
<a href="#">Windows help file</a>	Windows		d63999573a2c06b2ac56cade6b4f7cd2	8131761	<a href="#">SIG</a>
<a href="#">Windows x86-64 embeddable zip file</a>	Windows	for AMD64/EM64T/x64	9b00c8cf6d9ec0b9abe83184a40729a2	7504391	<a href="#">SIG</a>
<a href="#">Windows x86-64 executable installer</a>	Windows	for AMD64/EM64T/x64	a702b4b0ad76debd3043a583e563400	26680368	<a href="#">SIG</a>
<a href="#">Windows x86-64 web-based installer</a>	Windows	for AMD64/EM64T/x64	28cb1c608bbd73ae8e53a3bd351b4bd2	1362904	<a href="#">SIG</a>
<a href="#">Windows x86 embeddable zip file</a>	Windows		9fab3b81f8841879fda94133574139d8	6741626	<a href="#">SIG</a>
<a href="#">Windows x86 executable installer</a>	Windows		33cc602942a54446a3d6451476394789	25663848	<a href="#">SIG</a>
<a href="#">Windows x86 web-based installer</a>	Windows		1b670cfa5d317df82c30983ea371d87c	1324608	<a href="#">SIG</a>

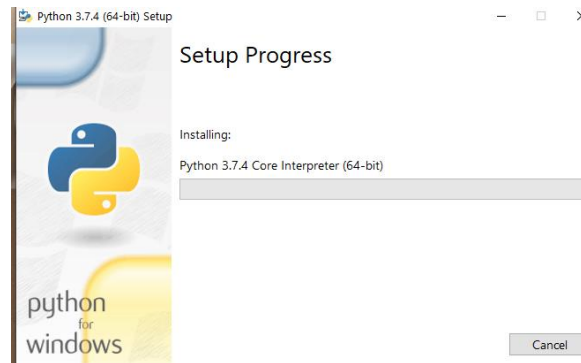
### 4. After the python 3.7.4.exe is download click open



The screenshot shows the same Python 3.7.4 download page as before, but with the 'Windows x86-64 executable installer' link highlighted. A download bar at the bottom of the browser shows 'python-3.7.4-amd64.exe' with a size of 10.3/25.4 MB and 5 seconds left. The address bar shows the URL 'https://www.python.org/ftp/python/3.7.4/python-3.7.4-webinstall.exe'.

Version	Operating System	Description	MD5 Sum	File Size	GPG
<a href="#">Gzipped source tarball</a>	Source release		68111671e5b2db4aef7b9ab01bf0f9be	23017663	<a href="#">SIG</a>
<a href="#">XZ compressed source tarball</a>	Source release		d33e4aae66097051c2eca45ee3604803	17131432	<a href="#">SIG</a>
<a href="#">macOS 64-bit/32-bit installer</a>	macOS	for Mac OS X 10.6 and later	6428b4fa7583daff1a442cba8cee08e6	34898416	<a href="#">SIG</a>
<a href="#">macOS 64-bit installer</a>	macOS	for OS X 10.9 and later	5dd605c38217a45773bf5e4a936b241f	28082845	<a href="#">SIG</a>
<a href="#">Windows help file</a>	Windows		d63999573a2c06b2ac56cade6b4f7cd2	8131761	<a href="#">SIG</a>
<a href="#">Windows x86-64 embeddable zip file</a>	Windows	for AMD64/EM64T/x64	9b00c8cf6d9ec0b9abe83184a40729a2	7504391	<a href="#">SIG</a>
<a href="#">Windows x86-64 executable installer</a>	Windows	for AMD64/EM64T/x64	a702b4b0ad76debd3043a583e563400	26680368	<a href="#">SIG</a>
<a href="#">Windows x86-64 web-based installer</a>	Windows	for AMD64/EM64T/x64	28cb1c608bbd73ae8e53a3bd351b4bd2	1362904	<a href="#">SIG</a>
<a href="#">Windows x86 embeddable zip file</a>	Windows		9fab3b81f8841879fda94133574139d8	6741626	<a href="#">SIG</a>
<a href="#">Windows x86 executable installer</a>	Windows		33cc602942a54446a3d6451476394789	25663848	<a href="#">SIG</a>
<a href="#">Windows x86 web-based installer</a>	Windows		1b670cfa5d317df82c30983ea371d87c	1324608	<a href="#">SIG</a>

### 5. Click run then customize installer then next and click install



6. The python is installed in your system successfully.

