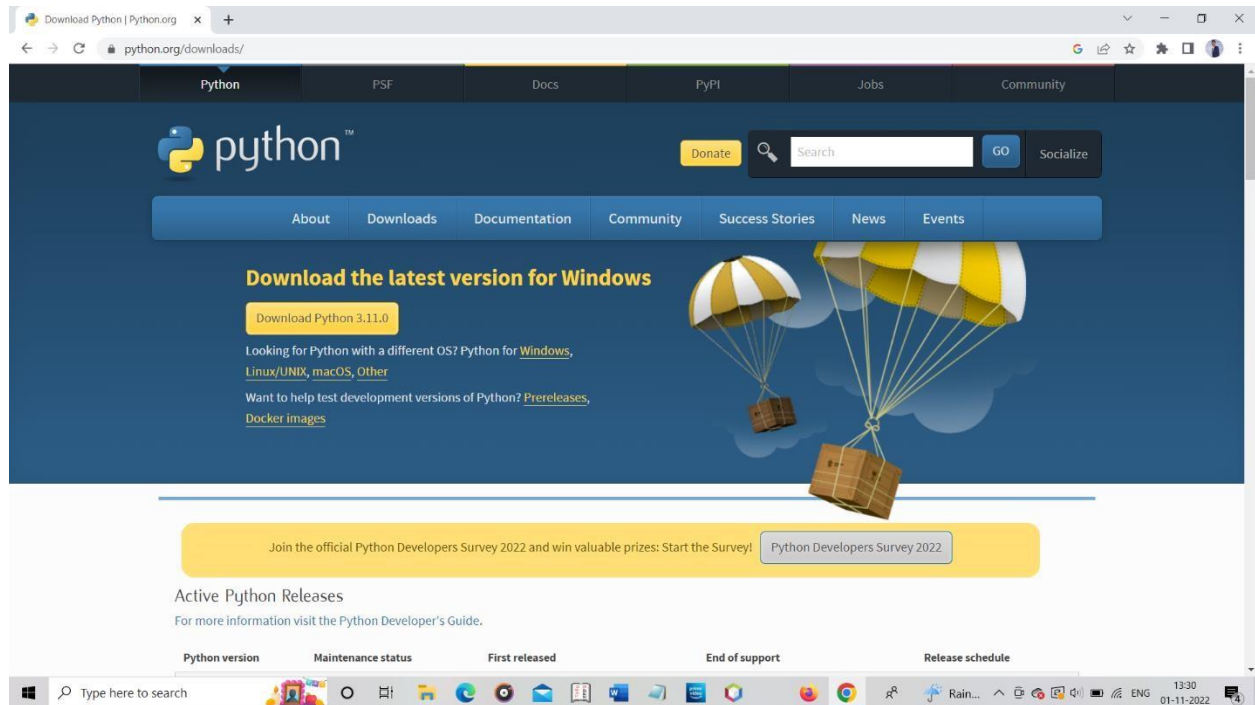


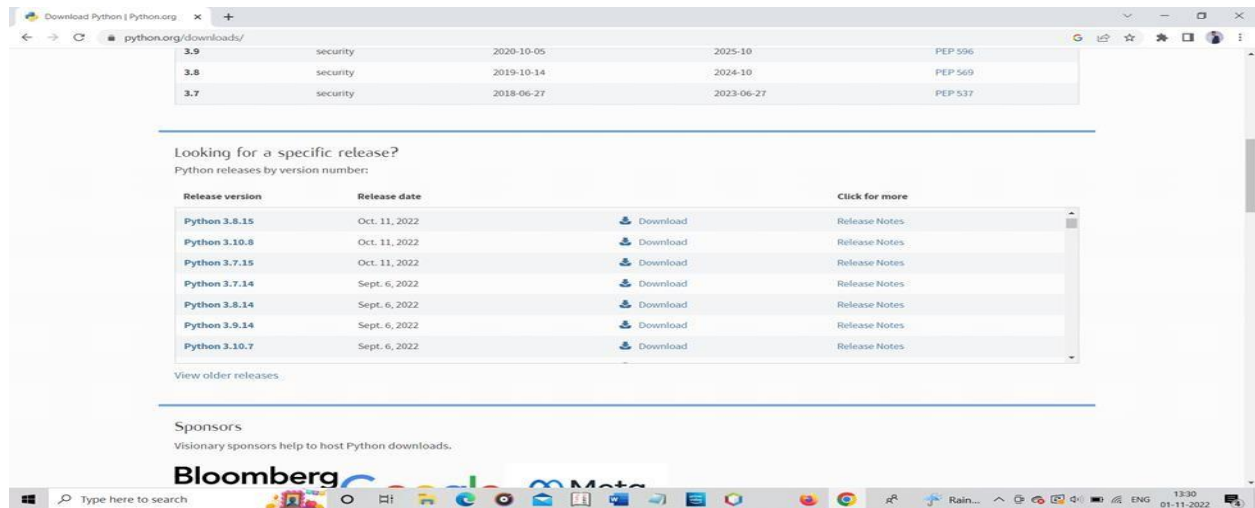
PYTHON SOFTWARE

<u>Team ID</u>	<u>PNT2022TMID25027</u>
<u>Project Name Project</u>	<u>IOT Based Safety Gadget for Child Safety Monitoring & Notification</u>

STEP-1



STEP-2



The screenshot shows the Python.org website's download page. At the top, there is a table of security releases:

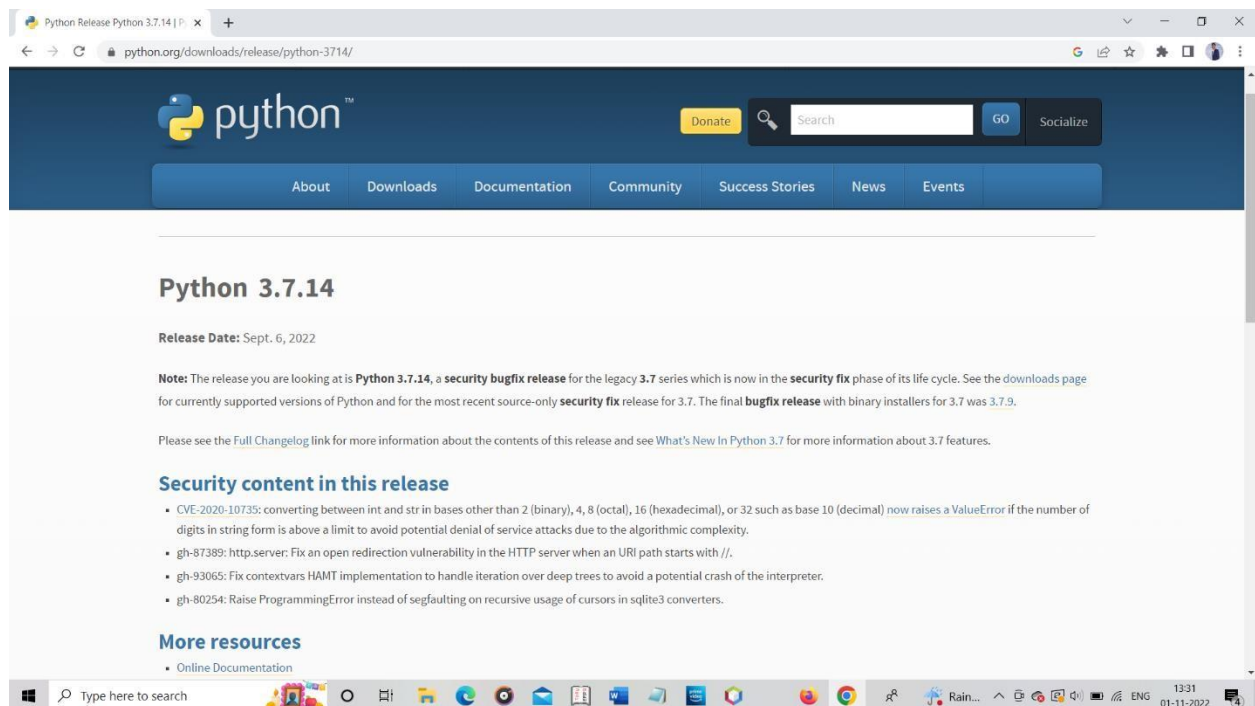
Version	Type	Release date	End of support	PEP
3.9	security	2020-10-05	2025-10	PEP 596
3.8	security	2019-10-14	2024-10	PEP 569
3.7	security	2018-06-27	2023-06-27	PEP 537

Below this table, there is a section titled "Looking for a specific release?" with the subtitle "Python releases by version number:". It contains a table with columns for "Release version", "Release date", "Download", and "Click for more".

Release version	Release date	Download	Click for more
Python 3.8.15	Oct. 11, 2022	Download	Release Notes
Python 3.10.8	Oct. 11, 2022	Download	Release Notes
Python 3.7.15	Oct. 11, 2022	Download	Release Notes
Python 3.7.14	Sept. 6, 2022	Download	Release Notes
Python 3.8.14	Sept. 6, 2022	Download	Release Notes
Python 3.9.14	Sept. 6, 2022	Download	Release Notes
Python 3.10.7	Sept. 6, 2022	Download	Release Notes

Below the table, there is a link "View older releases." and a "Sponsors" section with the text "Visionary sponsors help to host Python downloads." and the Bloomberg logo.

STEP-3



The screenshot shows the Python.org website's release page for Python 3.7.14. The page has a dark blue header with the Python logo, a "Donate" button, a search bar, and a "Socialize" button. Below the header is a navigation bar with links: "About", "Downloads", "Documentation", "Community", "Success Stories", "News", and "Events".

Python 3.7.14

Release Date: Sept. 6, 2022

Note: The release you are looking at is **Python 3.7.14**, a **security bugfix release** for the legacy 3.7 series which is now in the **security fix** phase of its life cycle. See the [downloads page](#) for currently supported versions of Python and for the most recent source-only **security fix** release for 3.7. The final **bugfix release** with binary installers for 3.7 was [3.7.9](#).

Please see the [Full Changelog](#) link for more information about the contents of this release and see [What's New In Python 3.7](#) for more information about 3.7 features.

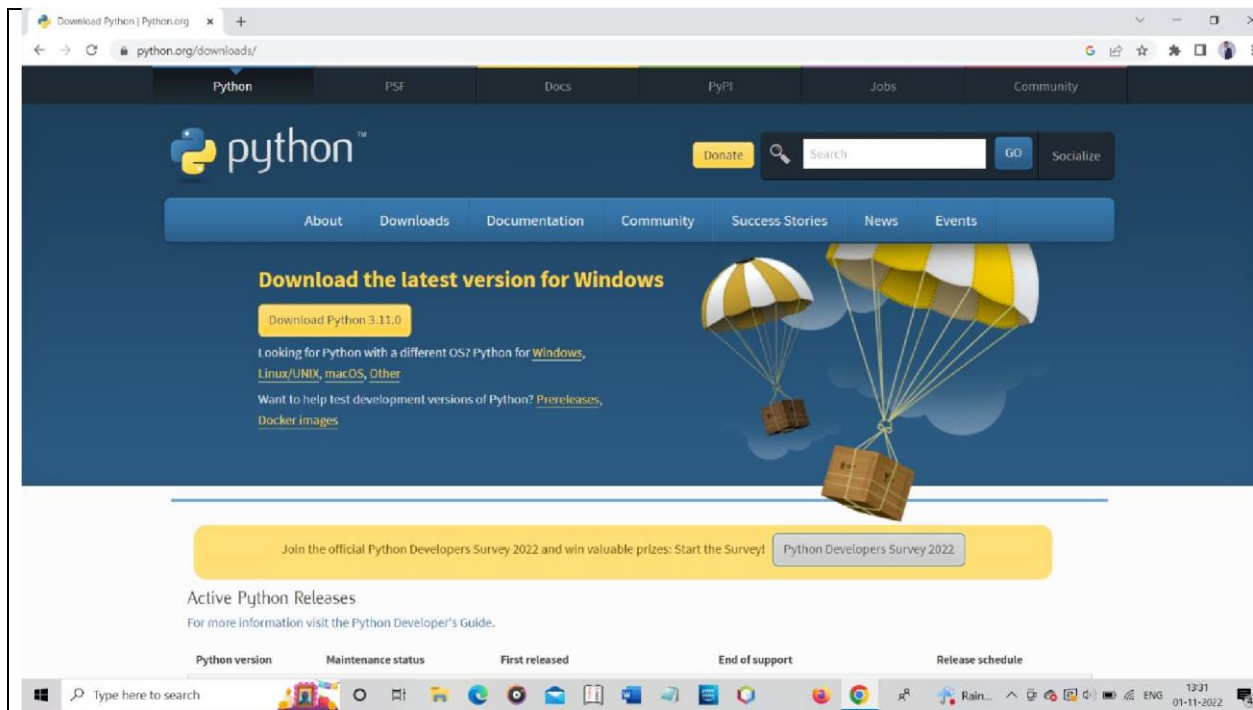
Security content in this release

- CVE-2020-10735: converting between int and str in bases other than 2 (binary), 4, 8 (octal), 16 (hexadecimal), or 32 such as base 10 (decimal) now raises a ValueError if the number of digits in string form is above a limit to avoid potential denial of service attacks due to the algorithmic complexity.
- gh-87389: http.server: Fix an open redirection vulnerability in the HTTP server when an URI path starts with //.
- gh-93065: Fix contextvars HAMT implementation to handle iteration over deep trees to avoid a potential crash of the interpreter.
- gh-80254: Raise ProgrammingError instead of segfaulting on recursive usage of cursors in sqlite3 converters.

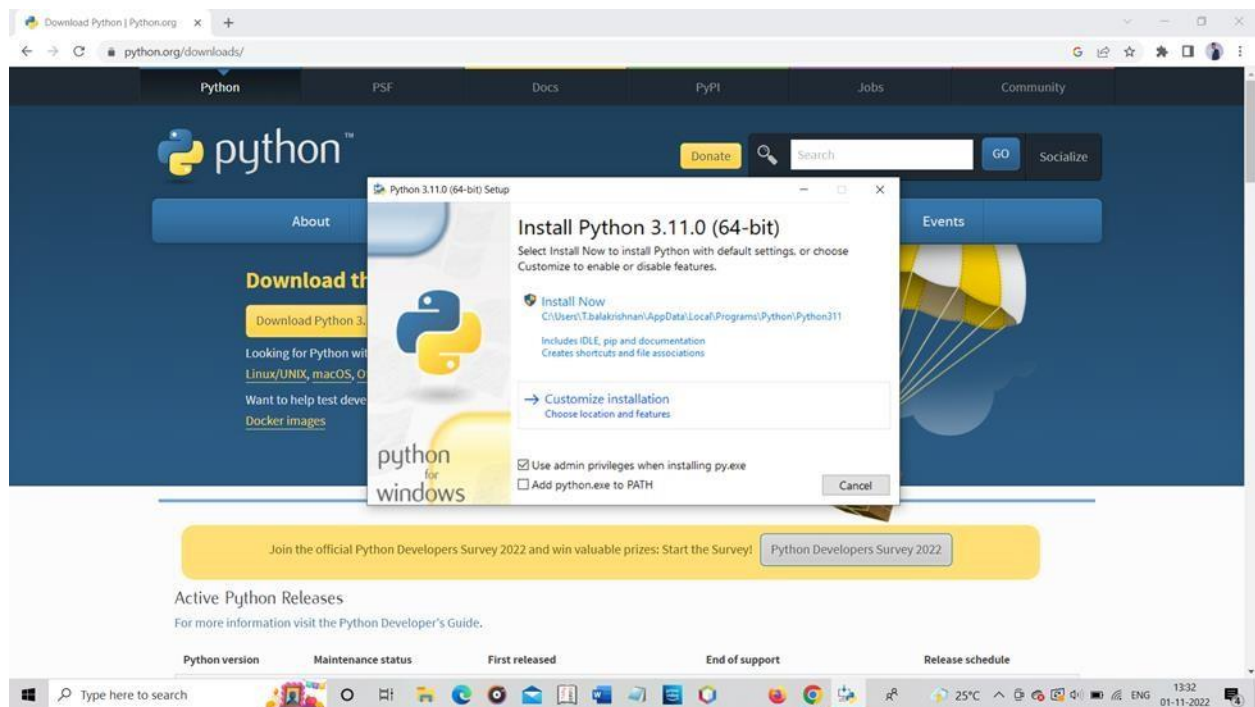
More resources

- [Online Documentation](#)

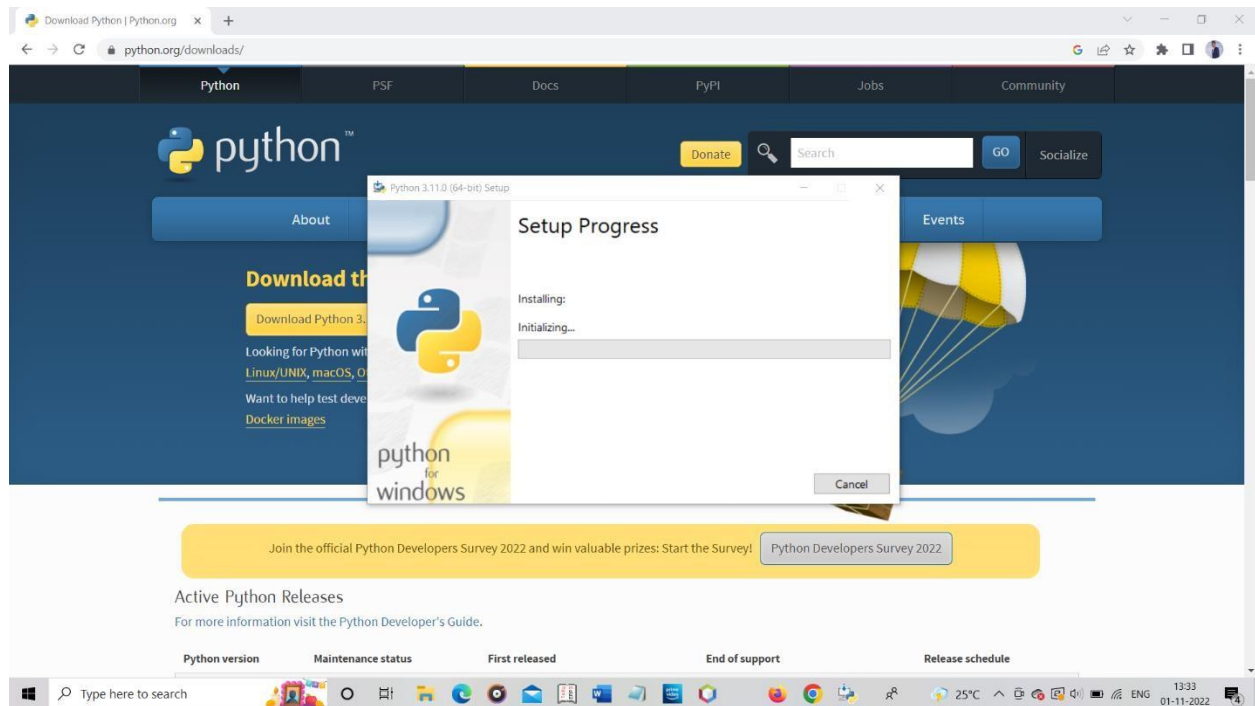
STEP-4



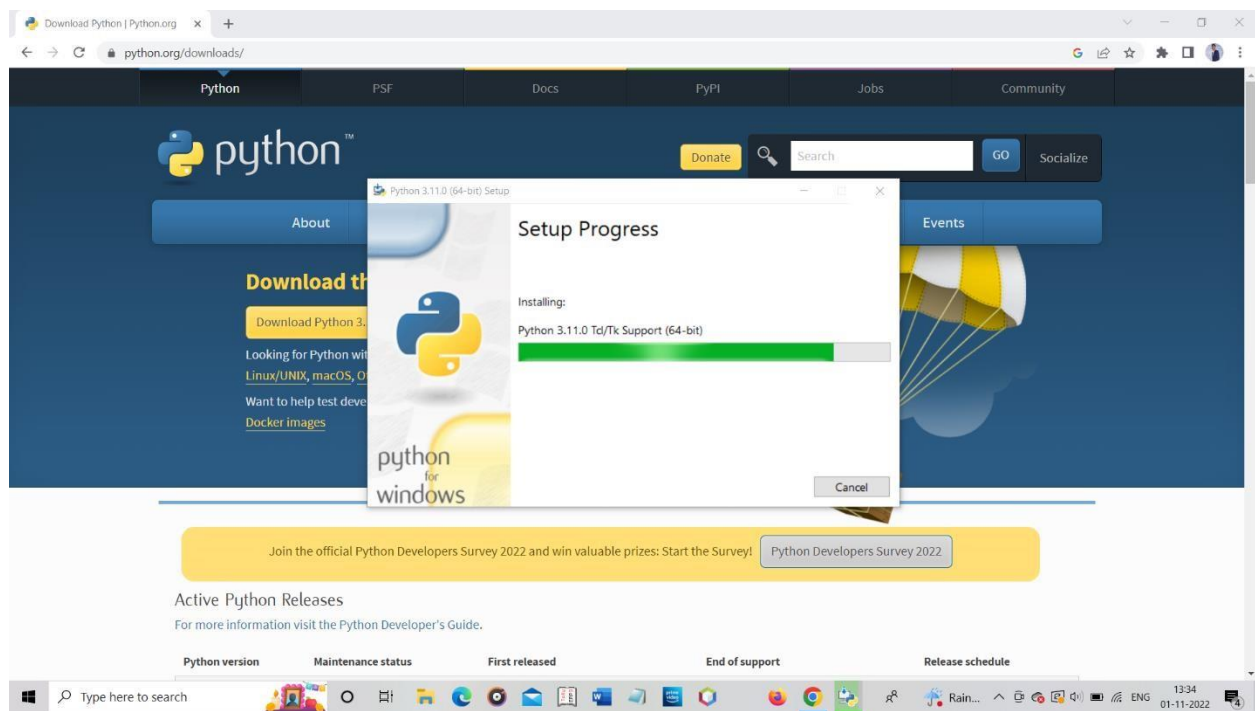
STEP-5



STEP-6



STEP-7



STEP-8

