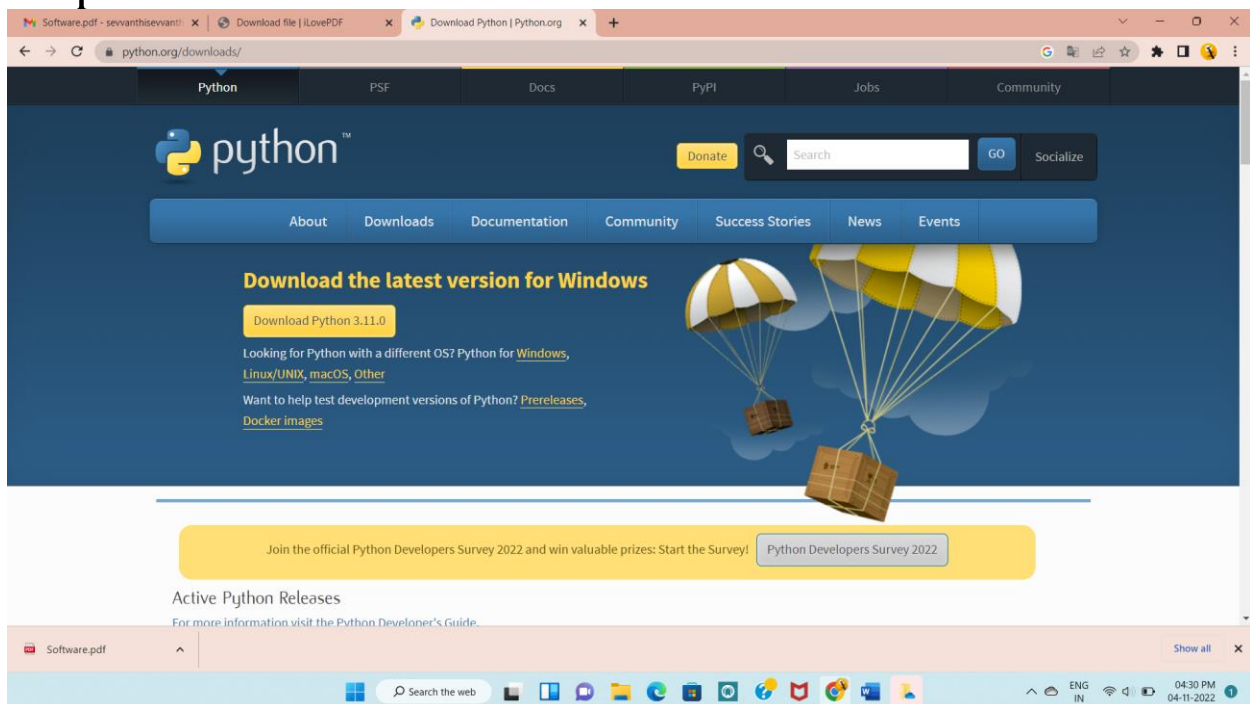


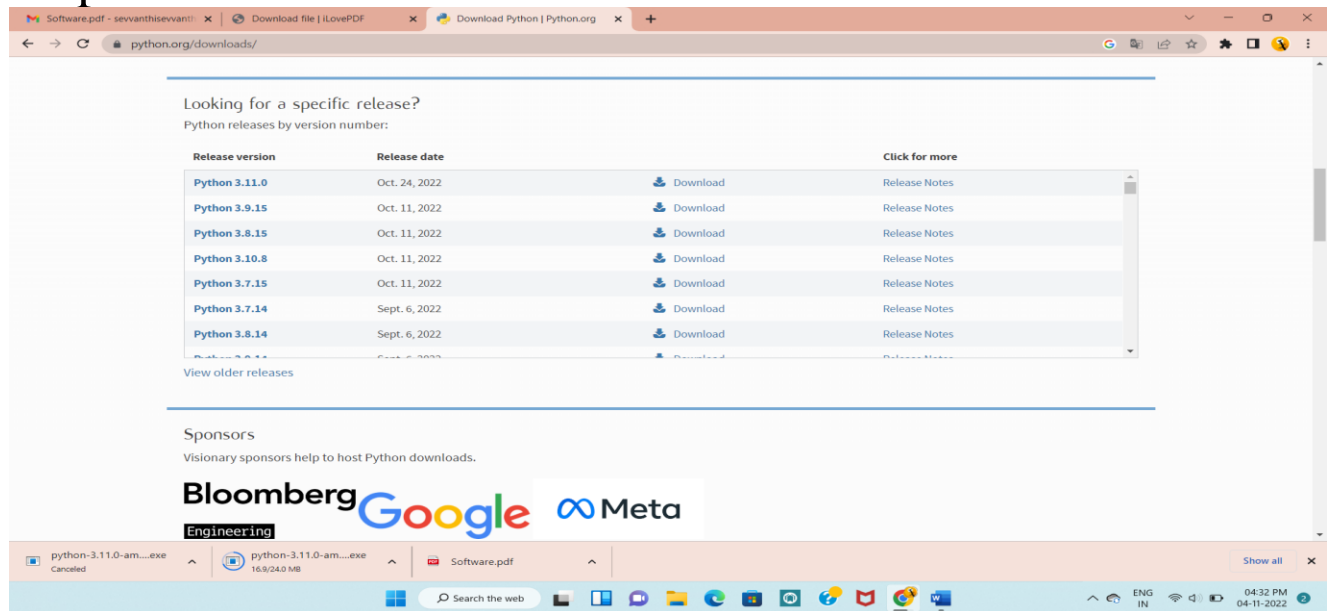
PYTHON SOFTWARE

<u>Team ID</u>	<u>PNT2022TMID25071</u>
<u>Project Name Project</u>	<u>IOT Based Safety Gadget for Child Safety Monitoring&Notification</u>

Step-1



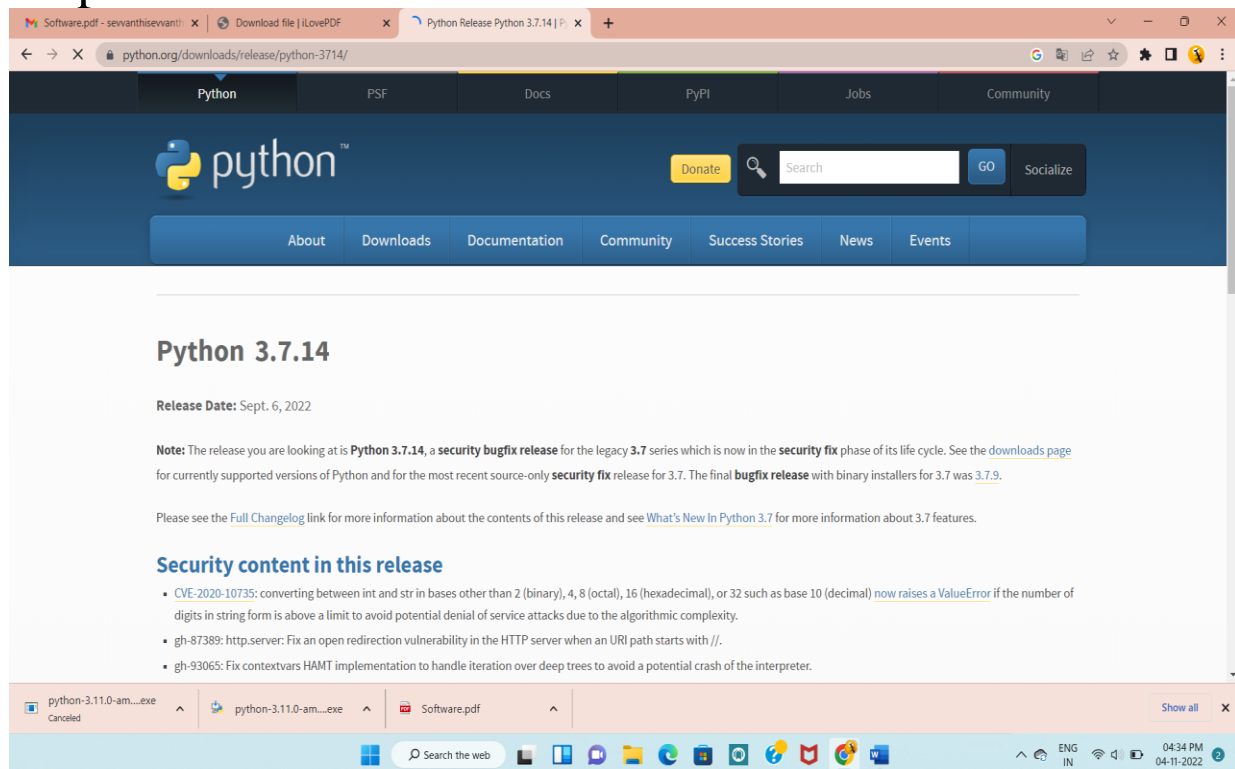
Step-2



The screenshot shows the Python.org website's download page. The browser's address bar displays 'python.org/downloads/'. The page content includes a heading 'Looking for a specific release?' followed by 'Python releases by version number:'. Below this is a table with columns for 'Release version', 'Release date', and 'Click for more'. The table lists several Python versions, including 3.11.0, 3.9.15, 3.8.15, 3.10.8, 3.7.15, 3.7.14, and 3.8.14. Each row provides a 'Download' link and a 'Release Notes' link. A 'View older releases' link is located below the table. Further down, the 'Sponsors' section is visible, featuring logos for Bloomberg, Google, and Meta, with the text 'Visionary sponsors help to host Python downloads.' The Windows taskbar at the bottom shows several open applications, including 'python-3.11.0-am...exe', 'python-3.11.0-am...exe', and 'Software.pdf', along with the system clock showing 04:32 PM on 04-11-2022.

Release version	Release date	Click for more
Python 3.11.0	Oct. 24, 2022	Download Release Notes
Python 3.9.15	Oct. 11, 2022	Download Release Notes
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

Step-3



The screenshot shows the Python 3.7.14 release page on Python.org. The browser's address bar displays 'python.org/downloads/release/python-3714/'. The page features a navigation bar with links to 'Python', 'PSF', 'Docs', 'PyPI', 'Jobs', and 'Community'. Below the navigation bar is a search bar and a 'Donate' button. The main content area has a heading 'Python 3.7.14' and a 'Release Date: Sept. 6, 2022'. A 'Note' section explains that this is a security bugfix release for the legacy 3.7 series. Below the note, there is a link to the 'Full Changelog' and a link to 'What's New In Python 3.7'. The 'Security content in this release' section lists three items: CVE-2020-10735, gh-87389, and gh-93065. The Windows taskbar at the bottom shows several open applications, including 'python-3.11.0-am...exe', 'python-3.11.0-am...exe', and 'Software.pdf', along with the system clock showing 04:34 PM on 04-11-2022.

Python 3.7.14

Release Date: Sept. 6, 2022

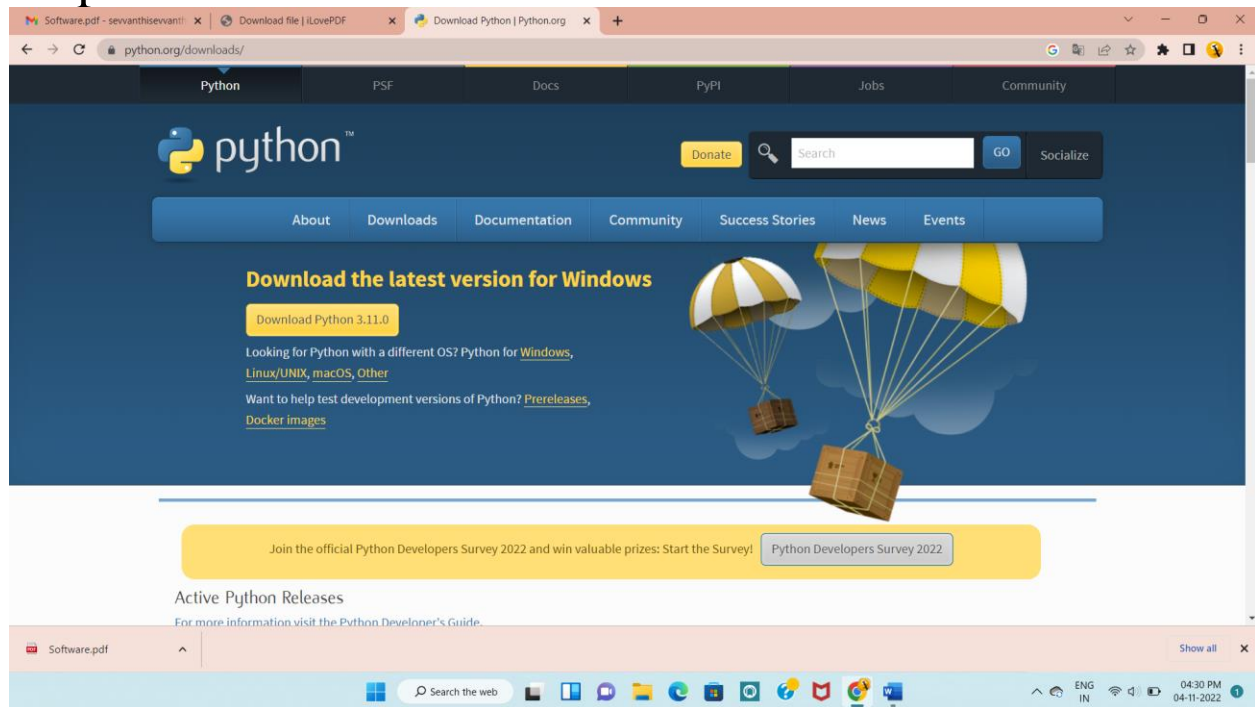
Note: The release you are looking at is **Python 3.7.14**, a **security bugfix release** for the legacy 3.7 series which is now in the **security fix** phase of its life cycle. See the [downloads page](#) for currently supported versions of Python and for the most recent source-only **security fix**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

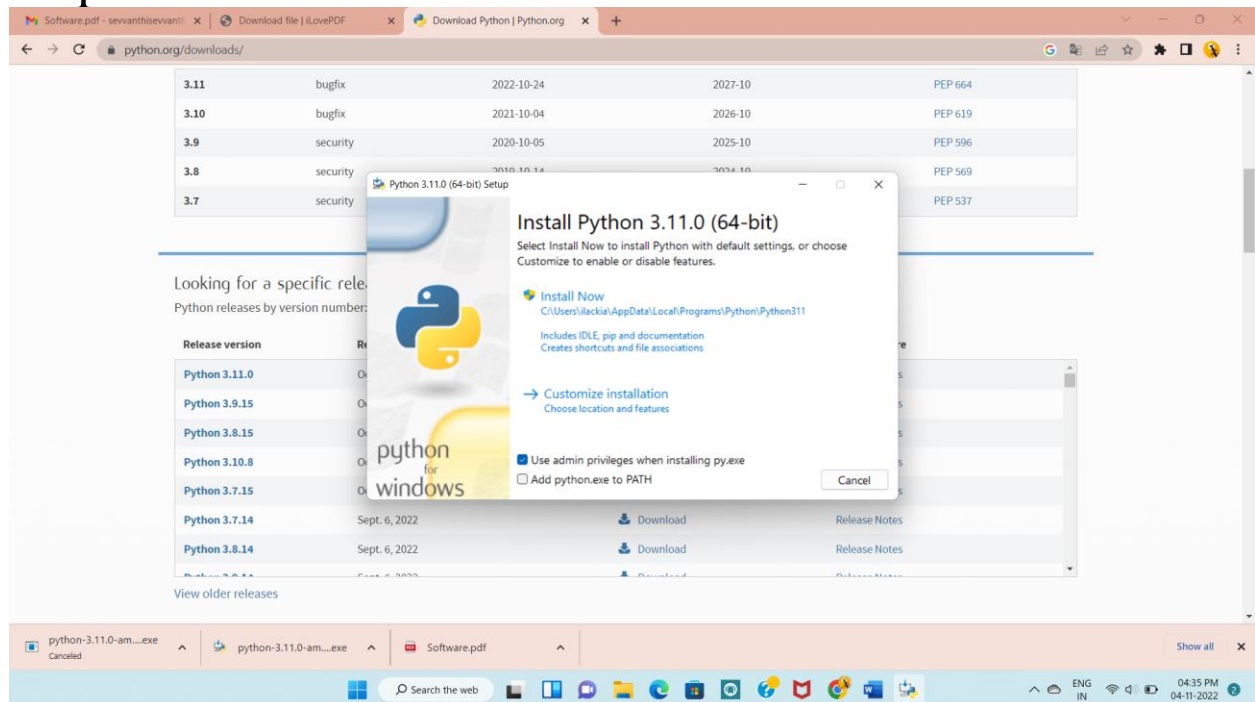
Security content in this release

- 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 URL path starts with //.
- gh-93065: Fix contextvars HAMT implementation to handle iteration over deep trees to avoid a potential crash of the interpreter.

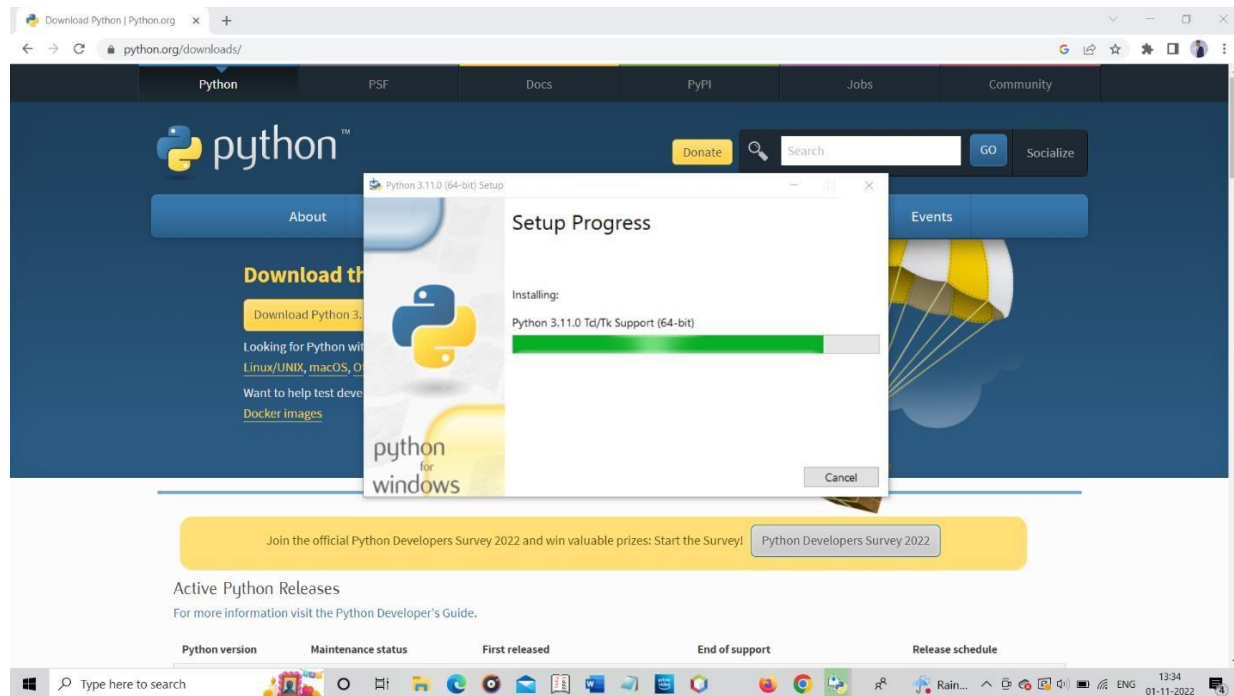
Step-4



Step-5



Step-6



Step-7

