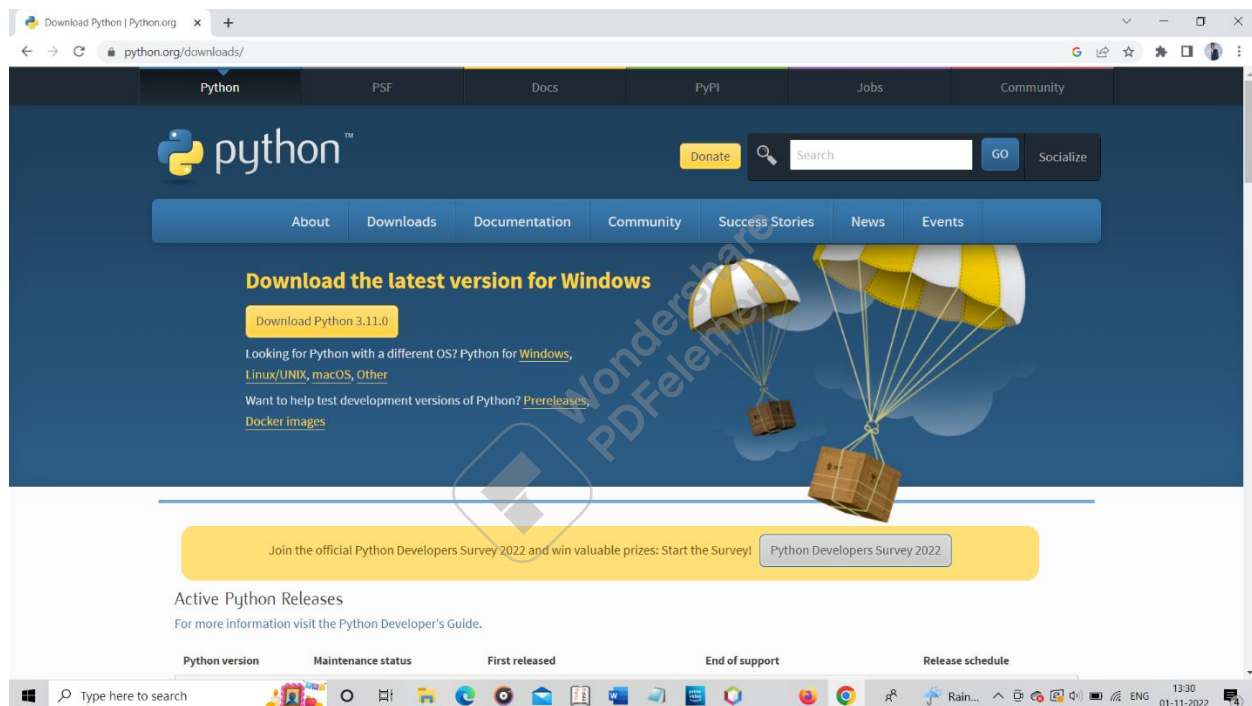


PYTHON SOFTWARE

| | |
|-----------------------------|---|
| <u>Team ID</u> | <u>PNT2022TMID45881</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/downloads/ page. At the top, there is a table of security releases:

| Version | Category | 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 text "Python releases by version number:". This is followed by a table of Python releases:

| 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". At the bottom, there is a "Sponsors" section with the text "Visionary sponsors help to host Python downloads." and a list of sponsors including Bloomberg and Meta.

STEP-3

The screenshot shows the Python.org/downloads/release/python-3714/ page. The page has a dark blue header with the Python logo, a "Donate" button, a search bar, and a "Socialize" button. Below the header, there 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.

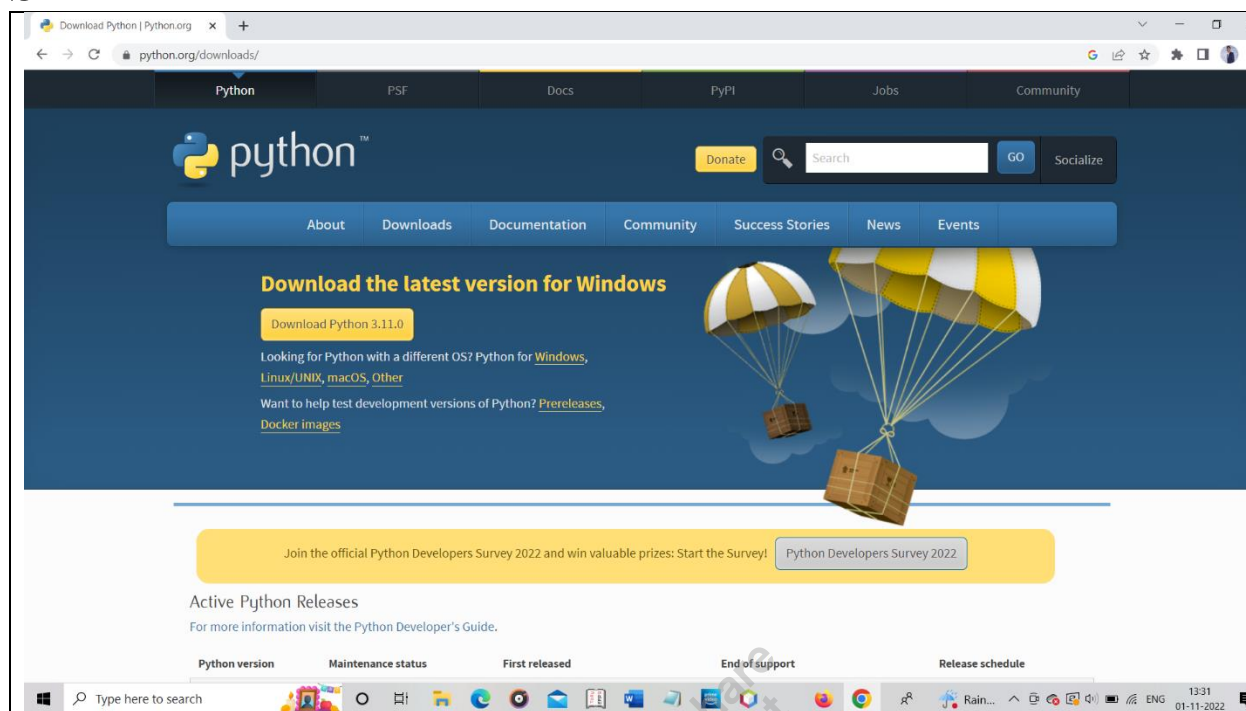
Security content in this release

- 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 a 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.

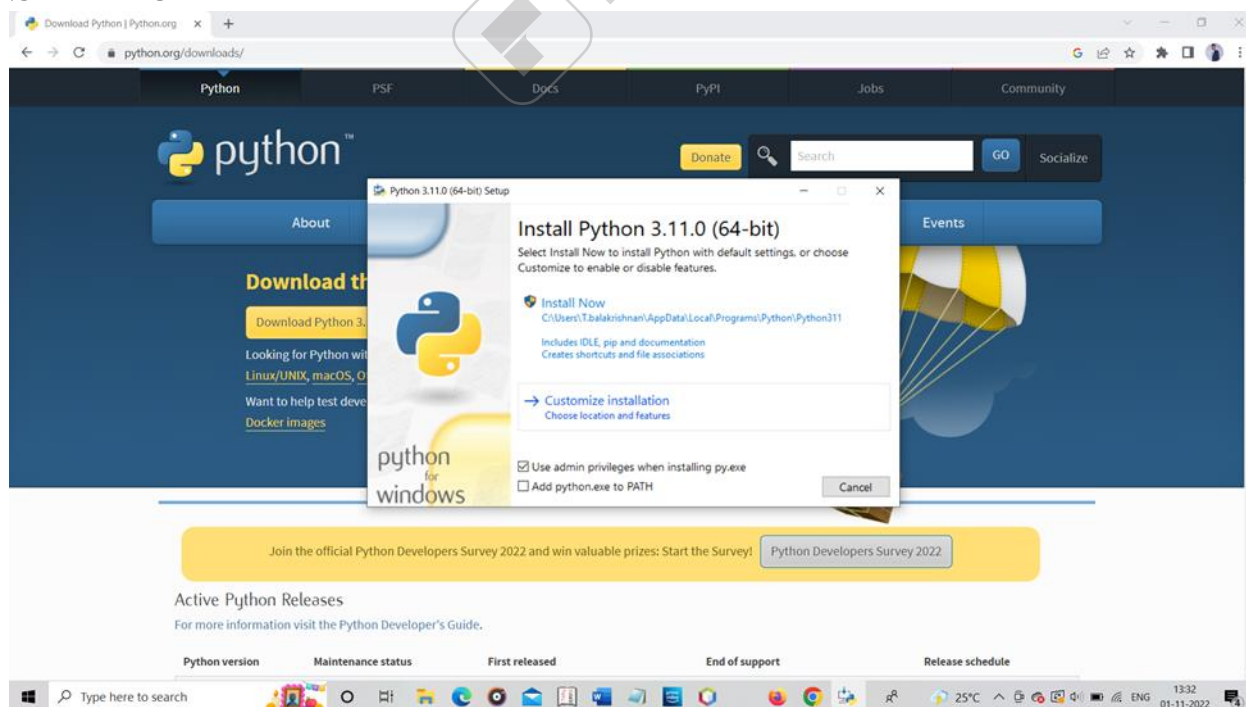
More resources

- [Online Documentation](#)

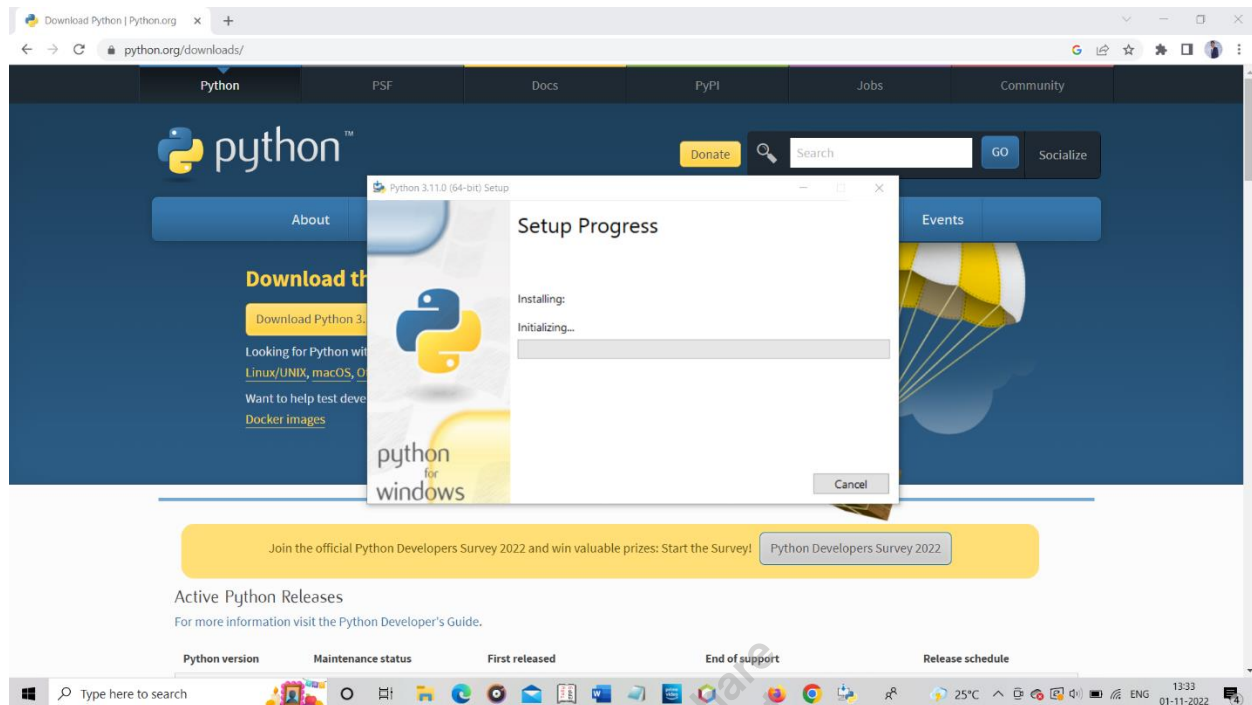
STEP-4



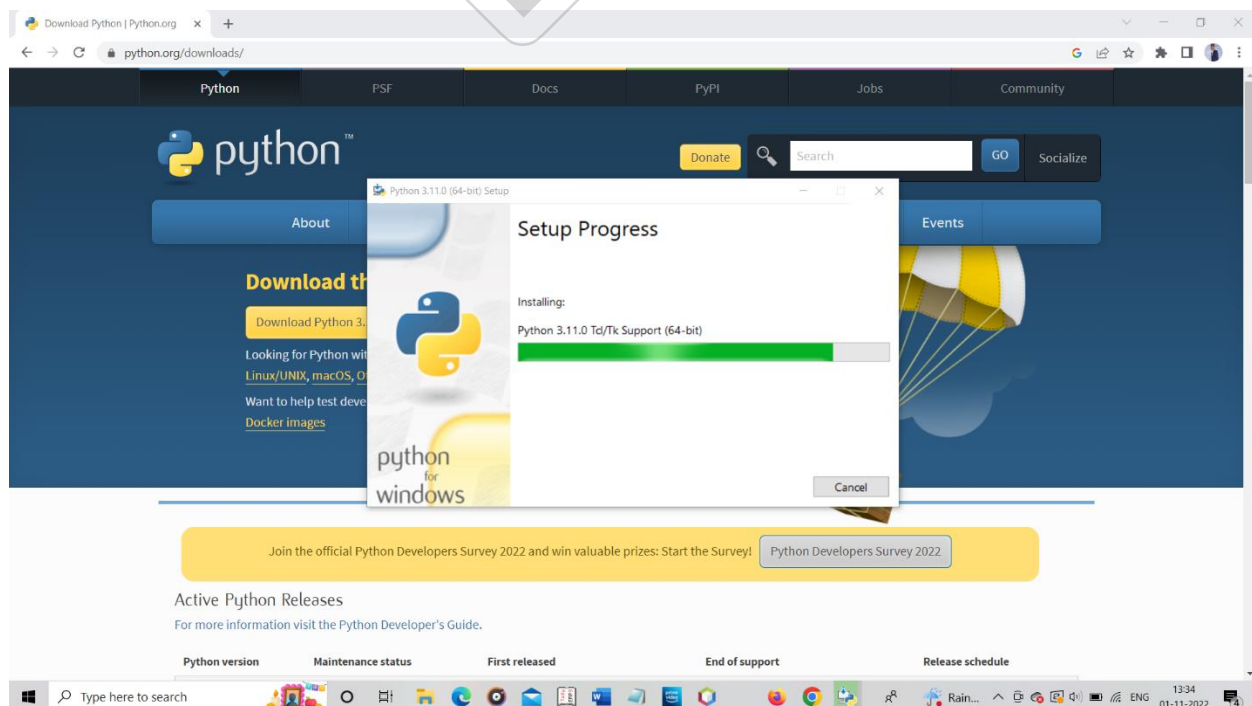
STEP-5



STEP-6



STEP-7



STEP-8

