

21st January 2021 - 24th January 2021



HACODEV IN ASSOCIATION WITH **TEQIP** PRESENTS

PYTHON WORKSHOP



A 4 DAYS CUM 6+ HOURS PYTHON WORKSHOP FOR ABSOLUTE BEGINNERS.



Workshop Brochure



WHY YOU SHOULD LEARN TO WRITE PROGRAMS?



- Programming makes things easier for you.
- Learning to program teaches you persistence.
- Coding develops structured and creative thinking.



SOME ONLINE TOOLS TO RUN PYTHON ON



Python is an interpreted, high-level and general-purpose programming language used worldwide. Python's design philosophy emphasizes code readability with its notable use of significant whitespace.



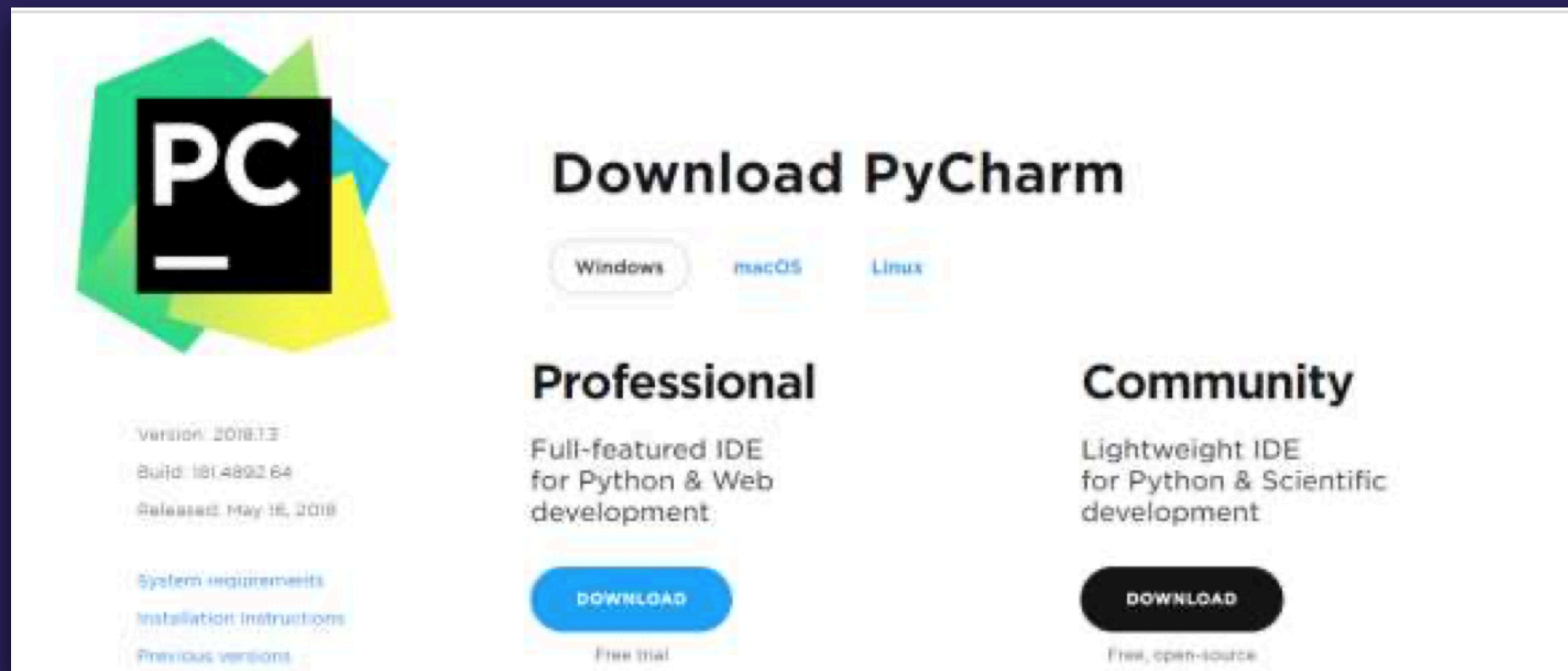
INSTALLATION GUIDE FOR PYCHARM



Step-1

Download the required package or executable from the official website of PyCharm

<https://www.jetbrains.com/pycharm/download/#section=windows>. Here you will observe two versions of package for Windows as shown in the screenshot given below:



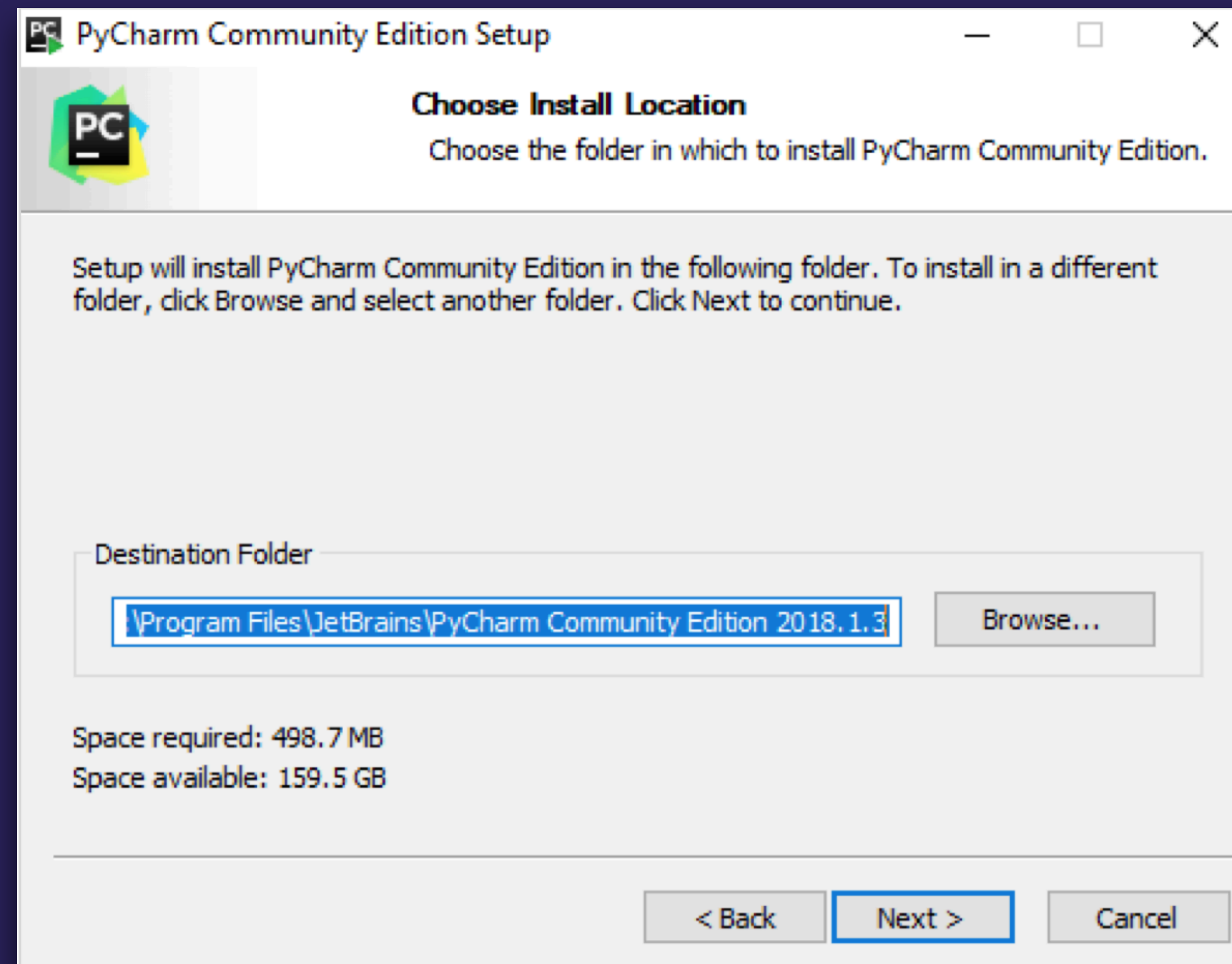


INSTALLATION GUIDE FOR PYCHARM



Step-2

Download the community package (executable file) onto your system and mention a destination folder as shown below:




















INSTALLATION GUIDE FOR PYCHARM



Step-2 (continued)

Download the community package (executable file) onto your system and mention a destination folder as shown below:

| Application tools | | Downloads | | |
|---|--------------------|-----------------------|------------|--|
| View | Manage | | | |
| his PC > Downloads | | | | |
| Name | Date modified | Type | Size | |
|  ACT_FAQ | 5/21/2018 11:23 PM | File folder | | |
|  DApps | 5/22/2018 10:41 AM | File folder | | |
|  ACT_FAQ | 5/21/2018 11:23 PM | Compressed (zipp... | 544 KB | |
|  ChromeSetup (1) | 5/20/2018 2:37 PM | Application | 1,105 KB | |
|  ChromeSetup | 5/21/2018 1:45 AM | Application | 1,105 KB | |
|  DApps-20180522T051108Z-001 | 5/22/2018 10:41 AM | Compressed (zipp... | 872 KB | |
|  LibreOffice_5.4.7_Win_x64 | 5/22/2018 10:13 AM | Windows Installer ... | 239,816 KB | |
|  pycharm-community-2018.1.3 | 5/22/2018 9:16 AM | Application | 187,287 KB | |
|  python-3.7.0b4-webinstall | 5/22/2018 9:06 AM | Application | 1,269 KB | |
|  SkypeSetup | 5/22/2018 10:23 AM | Application | 1,430 KB | |
|  Unconfirmed 83312.crdownload | 5/22/2018 9:13 AM | CRDOWNLOAD File | 226 KB | |
|  Unconfirmed 199668.crdownload | 5/20/2018 2:05 PM | CRDOWNLOAD File | 94,025 KB | |
|  Unconfirmed 302097.crdownload | 5/20/2018 2:05 PM | CRDOWNLOAD File | 63,842 KB | |
|  wwet030e | 5/21/2018 2:01 AM | Application | 1,491 KB | |
|  xampp-win32-5.6.36-0-VC11-installer | 5/22/2018 9:40 AM | Application | 113,445 KB | |

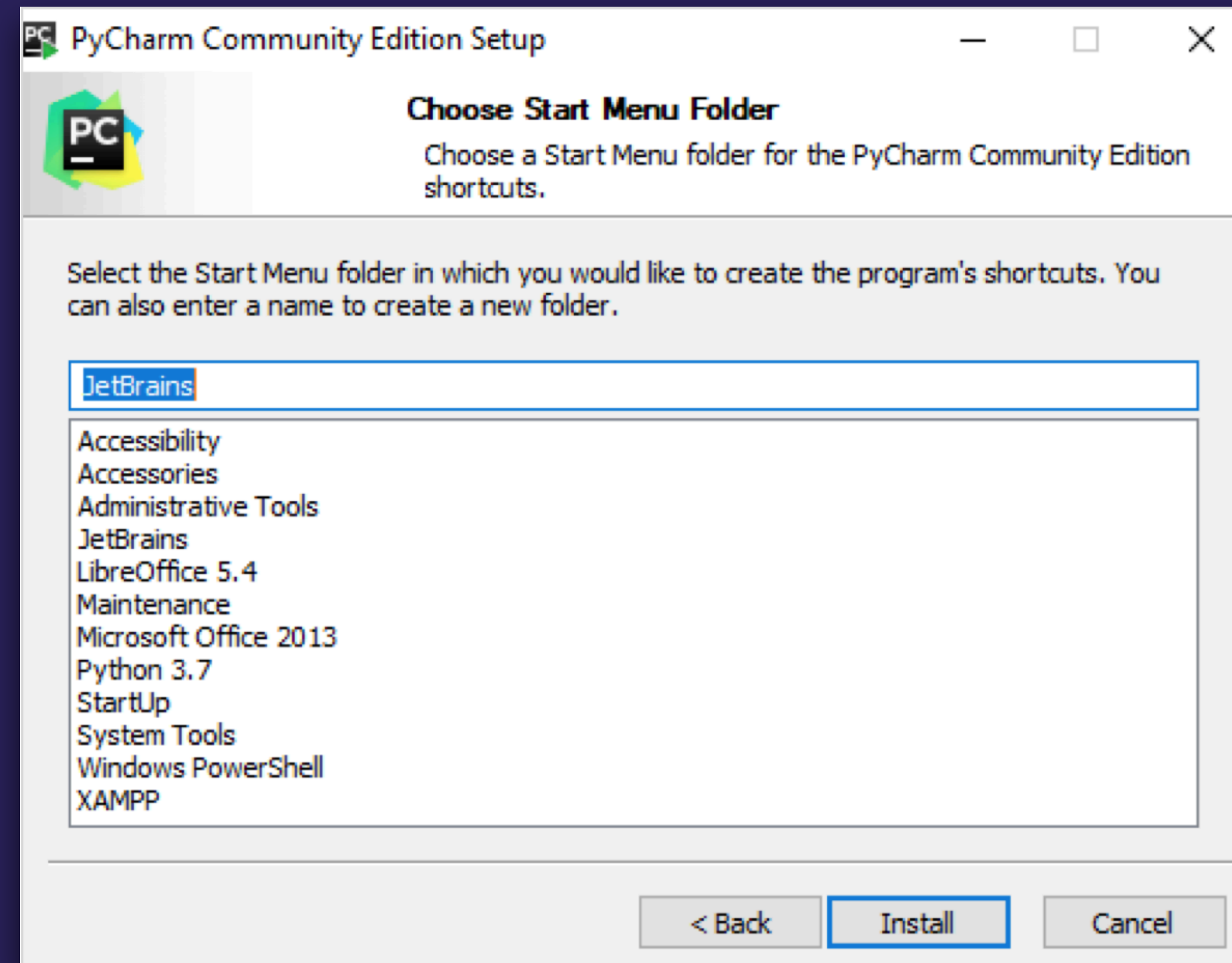


INSTALLATION GUIDE FOR PYCHARM



Step-3

Now begin the installation procedure similar to any other software package.



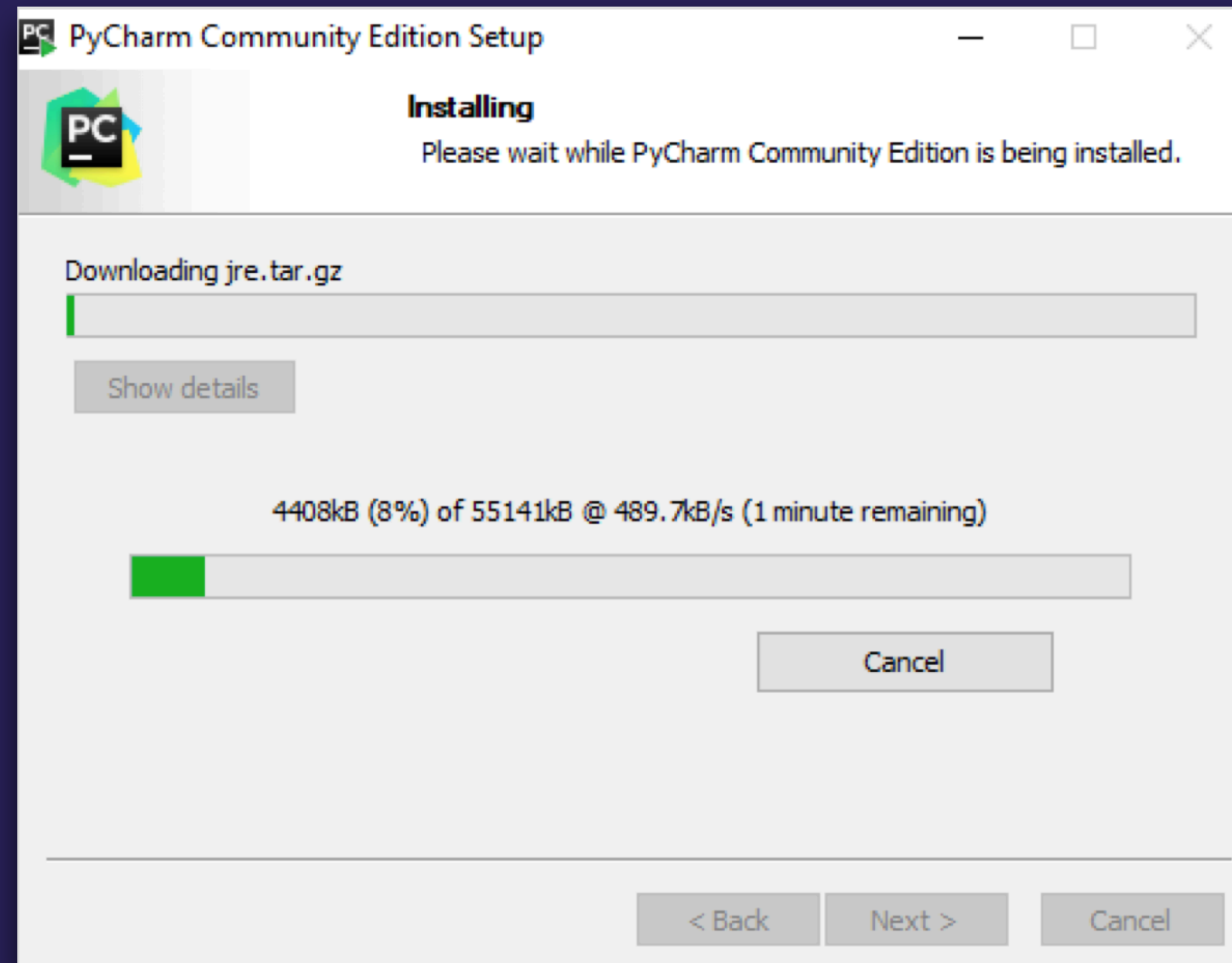


INSTALLATION GUIDE FOR PYCHARM



Step-3 (continued)

Now begin the installation procedure similar to any other software package.



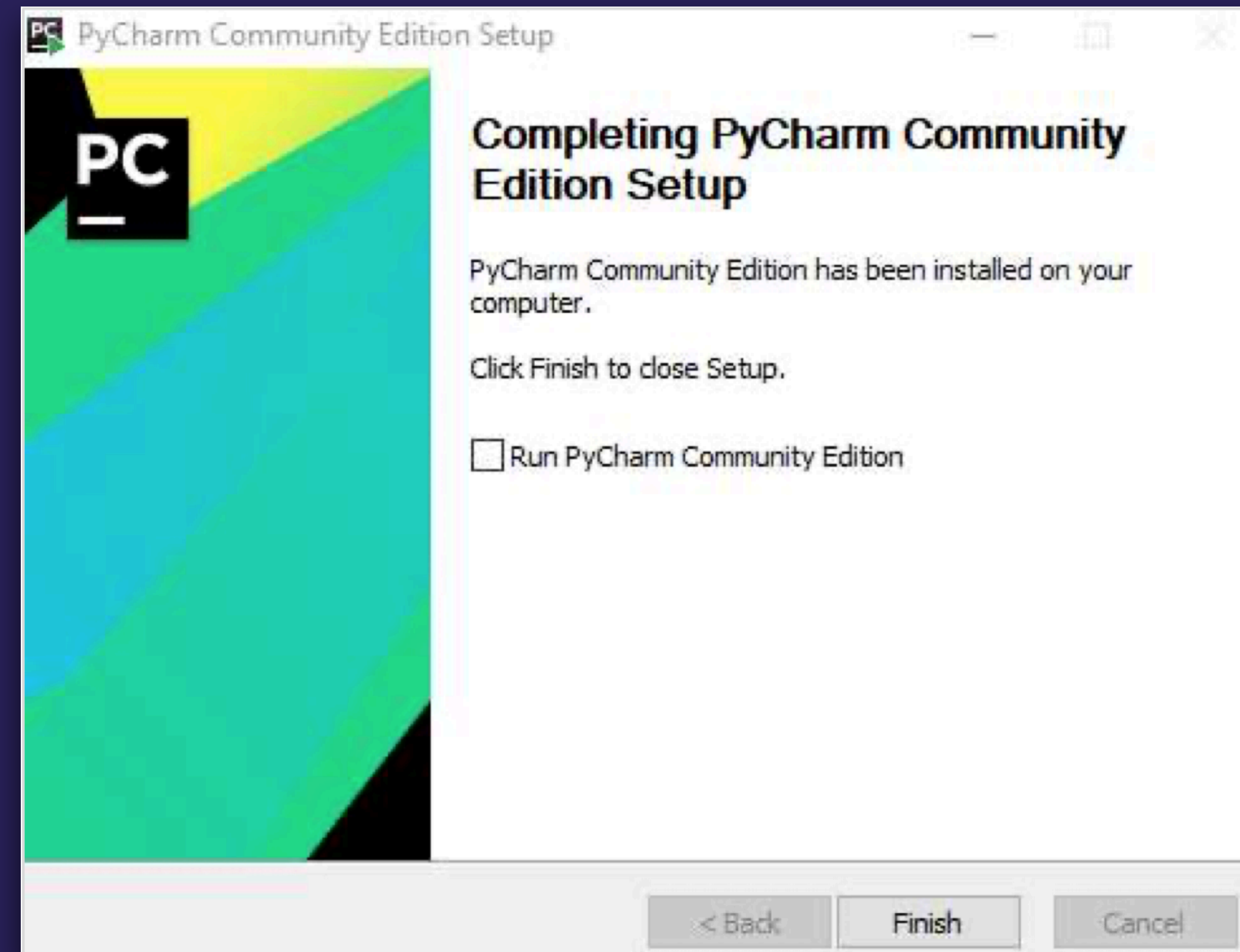


INSTALLATION GUIDE FOR PYCHARM



Step-4

Once the installation is successful, PyCharm asks you to import settings of the existing package if any.



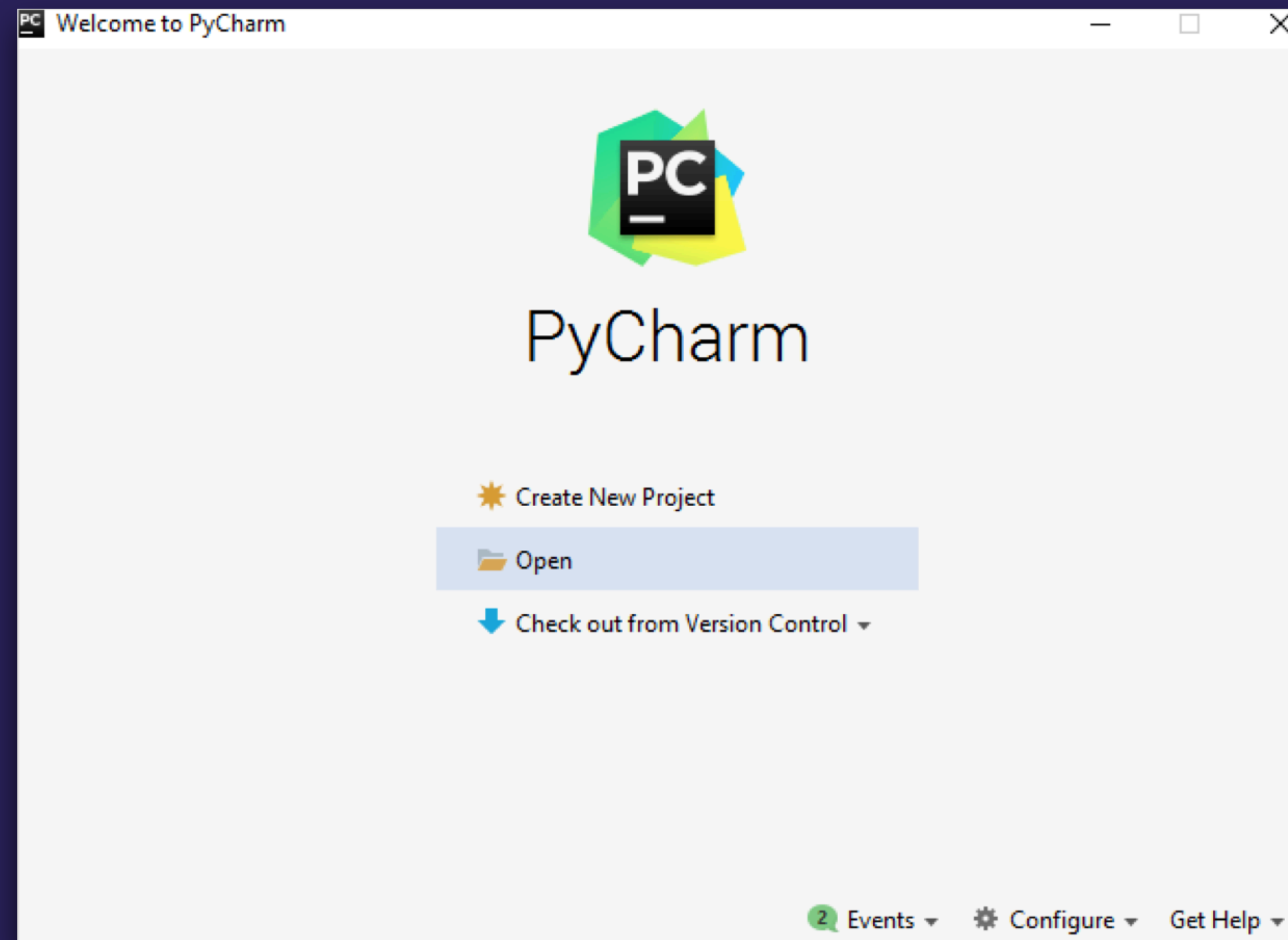


INSTALLATION GUIDE FOR PYCHARM



Step-4 (continued)

Once the installation is successful, PyCharm asks you to import settings of the existing package if any.





SOME ONLINE TOOLS TO RUN PYTHON ON



Google Collab



repl.it



Jupyter Notebook



CAREER OPTIONS IN PYTHON





SOME COMPANIES USING PYTHON



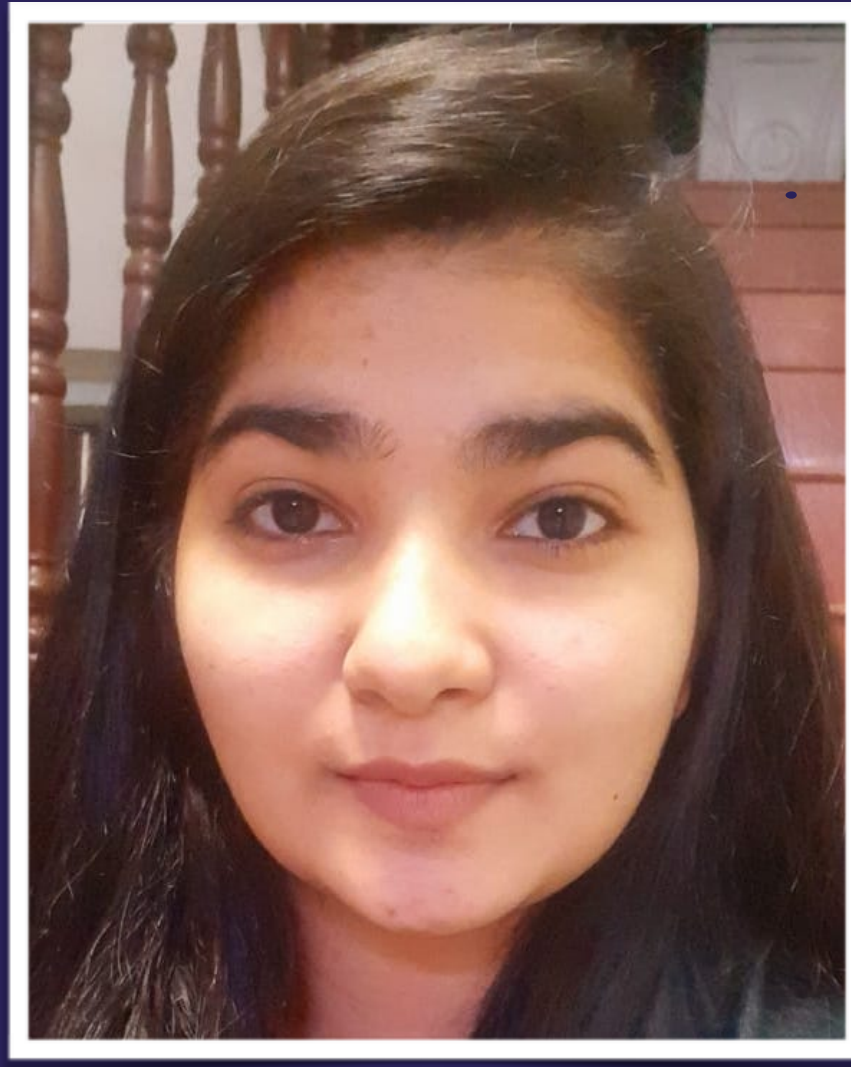
MOZILLA







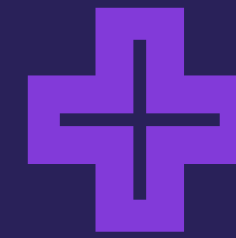
INSTRUCTORS FOR PYTHON WORKSHOP



Aastha Mishra

Hacodev Technical Team

Python and C++ Programmer



Naman Dhamani

Hacodev Technical Team

ML Enthusiast

Competitive Programmer



SYLLABUS FOR HACODEV PYTHON WORKSHOP



- Introduction to Python
- Expressions
- Variables
- Conditional Logic Execution
- Functions
- Iteration
- String
- Files
- List
- Tuples
- Dictionary
- Some interesting projects using different modules





Thank You