List at least five (5) packages that you would be interested in using should you decide to learn more Python programming. For each of these 5 packages, provide a solid paragraph that describes what the package does and why you would be interested in using it. Save your write-up in a plain text file within your CIS111 Bitbucket/GitHub repository with the name ***module3.txt***

Copy the appropriate commit URL (remember to go to the "Commit" page on Bitbucket/GitHub to find this) in the space provided.

1. Spack: A diverse package manager that supports many versions, configurations, platforms, and compilers. Comparable to homebrew. No installation is needed and can be used right away after cloning a repository on GitHub.

2. Bandersnatch: A PyPI mirroring client. Clones the contents of PyPI. I would use Bandersnatch to save on bandwidth as well as shortening time per ping. I would use this for faster validation of transactions on the blockchain.

3. Venv: A Package located in the Python Standard Library, beginning with Python 3.3. It is used in creating Virtual environments. Handy because packages are installed in to one isolated file rather than a long compressed global file.

4. PipX: A tool used to install and run python command-line apps without rendering dependencies conflict. I would use this when doing checks merging pull requests before allowing the merge into my repository.

5. Readme\_renderer: A library used by package developers to render their user documentation into HTML from markup languages when publishing releases. I would use this package when releasing projects to see if they properly display on PyPI before launching.