HomeWork#10 ### FuYuan Yan ### CISC3140

Those Listing by Type of this semester Learned

Product	Where/How it was used	Pros	Cons
GitHub	Used guthub to upload the code and create project to share the code.	Github can product the open source project hosting platform and repositories in CVS,SVN. Github can support any programming language.	Github is distributed, when commit on each machine, will be foregt to remote server that was not synchronized.
Python API	Used Python API to open terminal to download Python libararies (sudo pip3 install virtualenv then pip install Flask) that can run on the new website of API.	Python API can take API Key from the NASA website to change everyday.	Python API only can take API key from the NASA website,and no too much website have the API key.
Scheme	Scheme can use the website call Repl.it to run the scheme code.	Scheme can use easy write the code to count the number.	Scheme language in the programming lanaguage not too much high fame.
Sqlite3	Sqlite3 can write the database code in the terminal to run the database system in some of programming language.	Sqlite3 data storage is very simple and efficient. Sqlite3 is easy to learn and use. It does not requie any installation and confriguration.	Sqlite3 is generally used to process small to medium size data store, can not suitable in the high datasystem.

Product	Where/How it was used	Pros	Cons
Unix Command line	Unix can write the programming code in the terminal to save code and keep code encryption in the unix single system.	Unix provides the customizable capability to control the system, stable, reliable, secure, and powerful network functions.	The Unix kernel is not fexible enought, and few facliities for the code reuse, and driver support lags behind other platforms.
HTML	Used HTML markup for programming lanaguage to create the web page on the browser.	HTML increase possibliities to improve user-friendly experience and multidevice crash platform and web design.	HTML will considers the completely problem, browser compatibility, and performance.
JavaScript	Javascript can update and change HTML and CSS format, and improve web frame efficiency and capacity.	Javascript reduc network transmission, facilitate manipulation of HTML, and distributed computing.	Javascript client side security for the website, and different browsers side scipt to have capaity erros.