

Team Project

Product	Where/How it was used	Pros	Cons
Slack	Used this to communicate with teams and brainstorm testing cases and features ideas, also to schedule team meetings.	<ul style="list-style-type: none">- Liked getting instant notifications in case there was an error in one of my test cases there would be instant review.- Communication across teams so there would be no issues.	<ul style="list-style-type: none">- Not everyone signed up for the slack group chat- People did not put slack as instant notifications, rather they had it on do not disturb mode, regardless of time.
GitHub	Used this to collaborate with group as well as testing group project, added weekly reports.	<ul style="list-style-type: none">- Received instant updates on project in order to plan more test cases for the added features.	<ul style="list-style-type: none">- Team members had difficulty using git from terminal, learning curve.- Merge conflicts, that is why only team leader was assigned as the person to commit.
The Python Language Reference	To learn the syntax of python.	<ul style="list-style-type: none">- Fix issue instantaneously if an error occurred due to improper syntax	<ul style="list-style-type: none">- Some syntax was valid in other programming languages but not in python.- Had to constantly refer to this manual.
Codecademy	Used to introduce myself to the Python programming language	<ul style="list-style-type: none">- Learnt a new language from scratch and contributed to project using my new skills	<ul style="list-style-type: none">- Because I had no prior knowledge of python there was a lot of time allocated to learn.
Python Unit Testing https://docs.python.org/3/library/unittest.html	To test single features in the project. Unfortunately there were issues incorporating it in the group project, after all the time spent trying to learn it.	<ul style="list-style-type: none">- JUnit testing prior knowledge so had basic background of how it works.	<ul style="list-style-type: none">- Very different from JUnit and unfortunately did not work well enough to be included in the group repo.
Google Slides	Collaborated with team to create presentation slides.	<ul style="list-style-type: none">- Everyone contributed equally and was present/engaged in conversation.	<ul style="list-style-type: none">- Because there were varying forms of testing it was difficult to present.

Individual Project

Product	Where/How it was used	Pros	Cons
SSH Article https://www.servermania.com/kb/articles/ssh-mac/	Used this for assignment 1 to learn how to use SSH for Mac	- Learnt how to do ssh on a mac via terminal	- Had difficulty adding libraries when coding, sudo issues being reported
React Fetch Article https://www.robinwieruch.de/react-fetching-data	Used for assignment 3 to get api from NASA website, to create own website.	- Learnt how to properly use the fetch function to get api from across servers.	- No con because this was very useful in my own projects for other classes.
Scheme Syntax Textbook https://www.scheme.com/tspl3/	Used for assignment 5 to create scheme functions by understanding and using correct syntax	- Learnt Functional programming language, other than python.	- Difficult to understand, very abstract, used to OOP languages
Repl Scheme Compiler	Used for assignment 5 program in scheme	- Know if correct syntax used and output correct	- Had to refer to syntax book a lot because kept getting errors.
SQLite Manual https://www.sqlitetutorial.net/	Used this for assignment 6 to learn how to use SQLite for Mac	- Learned a new db - Recall SQL syntax	- Using db from command line was difficult.
Script	Used this for assignment 6 to get log file for terminal	- Useful if keeping record of what errors occurred so that they won't be repeated.	- No room for error, nerve wracking.
Subversion book http://svnbook.red-bean.com/	Used this for assignment 7 to learn subversion commands	- Different experience	- Did not work, could not understand. Would not use it again.
Make	Used to manage building of compile codebase	- Set up once and saved me time from typing long commands each time I compiled code	- Didn't know how to use make for java on command line, only with c++ on linux machine
React Pages	Used to deploy assignment 3 for assignment 8	- Learnt how to deploy react pages on GitHub	- No con, very useful.