Team project：

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| **Product** | **Where/How it was used** | **Pros** | **Cons** |
| Github | Use it to store assignment submissions and to check group project progress. | -It's easier to submit multiple documents.  -Documents can be modified, Shared, and downloaded by multiple people. | You must read the readme to prevent the project from not running. |
| Notepad++ | Use it to write the HTML code for the team project. | -Simple and easy to use.  -The software is free. | -Simple and easy to use.  -The software is free. |
| Mocrosoft Edge | Use it to test the display of HTML code in the browser | System default browser. | No defects were found in the test use only. |
| Chrome | Use it to test the display of HTML code in the browser | This browser has a large number of users. | No defects were found in the test use only. |
| Safari | Use it to test the display of HTML code in the browser | System default browser. | Running HTML code gives a graphical representation that is different from other browsers. |
| Adobe Dreamweaver CC 2019 (DW) | It is only used when the software is not uniformly written at the beginning of the semester. | -Ability to give real-time page status to code changes.  -Provides a large number of base templates.  -Easier to use for beginners. | The software costs money and has basic performance requirements for the computer. |
| Flask | Use it to run team projects. | Ability to run a web service locally. | -Cannot decode Windows based on MAC OS |
| Slack | Use it for team discussions and code sharing | Facilitate team or individual communication, and support for multi-channel switching. | -Not a mainstream communication software, people do not use it often.  -You often need to wait for a reply. |
| runoob.com | Use it for HTML/CSS learning | -Provide plenty of examples to practice.  -Have a wealth of learning materials. | No defect was found at present. |
| HTML/CSS design and build websites  by Jon ducekett | Use it for HTML/CSS learning | Provides HTML/CSS introductory learning recommendations. | Some HTML code does not show the picture. |

Individual project:

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| **Product** | **Where/How it was used** | **Pros** | **Cons** |
| Google doc | Use it to edit documents for my projects and assignments | It doesn't need to be installed on a computer and can be modified and Shared anywhere. | You need a network to update documents. |
| Visual Studio Code | Use it to complete the python code for assignment3. | Support for most coding in software. | -Some of the less commonly used code is still not supported.  -Lack of tutorials for new users. |
| repl.it | Use it to complete the scheme assignment. | Easy to use and supports most of the code. | -You have to have a network to use it.  -If something goes wrong and the connection is lost, the content cannot be recovered. |
| sqlite | Use it to complete my SQL assignment. | -Very small SQL tools.  -Suitable for personal use. | There is no UI and you have to read the user manual to use it. |