DAT-101

1. There are plenty of key features in VS Code. Among the most useful ones there is:
   - an autocomplete feature that assist you while typing
   - a built-in debug that supports many languages and an error-detection that highlights syntax errors
   - a terminal that allows you to run commands and test them
   - a built-in source control (with Git) that allows you to do version control without leaving the editor
   - a marketplace with extensions that can costumize the code even more

2. Version control is a system that allows you to cooperate on a project with others and let you have more control over your code. Thanks to it you can track and manage changes and revert them whenever a fail occurs.

3. It makes collaboration on a project easier. It also improves readability and clarity and therefore helps developers navigate the project and limits the risk of "chaos" when the project is complex.

4. It's crucial for code readability and consistency. It's adviced to use lowercase, camelCase or pascalcase. Numbers, hyphens and underscores are also allowed while naming folders and files. One should not use letters existing in languages other than English.

5. While working collaboratively it's crucial to communicate clearly and ask questions to avoid misunderstandings. It's also important to distribute tasks within the group based on skills, to improve the effectiveness. In order to do it the people in the should know each other at least a little and feel comfortable with each other. Also being open and outgoing helps a lot.

6.

- hold onto one naming convention that is consisted with the general naming rules and with your own favorite convention (for example camelCase); also organize your folders logically

- install and use only the extensions you need to make your code stable and avoid an "overload"

- write comments that are as short as possible and at the same time contain precisely what you want to say

7. The skills can be useful in collaborative projects. Thanks to GitHub you can easily work on the code together, help each other with any coding-related problems and so on. The skills can also help me in my future jobs even if they aren't related directly with

coding. The knowledge allows me to manage and organize my files and documents more easily. Additionally is GitHub a really good backup tool for general use.

GitHub repository: NataliaN02/DAT101