**Project 1 - Artistic Drawing Using Turtle**

**Objectives**

1. Able to write clean code utilizing functions and loops to avoid unnecessary repetition.
2. Draw a beautiful artistic picture using Python turtle.
3. Upload the source code and the drawing image to GitHub and document the project on GitHub.

**Project Overview**

In this project, you will create an artistic picture using Python turtle, **any beautiful picture you want to draw** such as a mandala, a game interface, your dream house, mountain view, seaside, a park, etc. After finishing drawing, you will need to create your GitHub account (if you haven’t got one), upload the drawing source code on GitHub, and document your project on GitHub.

For this project, you may utilize what you’ve learnt during the course, and get inspired by all the tools around you to create **an original drawing**. Note: the drawing from each student should be your original work, and you should be able to explain your code well to others such as your peers, your instructor, your future employers, etc.

Part 1 – Be the artist!

Create your own original artistic drawing using Python turtle (just for your reference, your instructor designed a simple drawing attached below using what we have learned in the class. You can do better). Although writing code on VSCode is recommended because it is stable and has good drawing quality, feel free to use any other IDE such as PyCharm, etc.

Part 2 – Show your work to the world!

Go to [GitHub](https://github.com/), create your GitHub account (if you haven’t got one), create a public repository named **comp115\_project1**, upload your drawing source code to this repository, upload your drawing as well (can be a Screenshot of your drawing), and well document your project on GitHub by writing a good [README.md file](https://www.makeareadme.com/).

Your instructor has created [a sample project](https://github.com/COMP115-Bravo/comp115_project1)  just for your reference.

**Marking** (100 marks in total)

• Your beautiful picture drawing using Python turtle (50 marks)

• Upload your drawing project: neat source code (30 marks) + drawing screenshot (10 marks) on your GitHub account, and document your project on GitHub (10 marks)

