Assignment 1

Note:

- Programming Language - **Python-3.**
- Documentation - **Google Style Python Docstrings following 'PEP 484' standards**
- Usage of Documentation - From python3 interpreter, import the file as a module and use help(module_name) for proper rendering of documentation

Part A -

- Included files -
    1. **magic_gen.py** - Magic Square Generation
    2. **tic_tac_toe.py** - Tic-Tac-Toe Game
    3. **Construction of Even Order Magic Squares.pdf** - Magic Square Generation is based on the idea provided in this pdf file
- To run the python files use -
    1. python3 magic_gen.py - Starts the program to output Magic Square of given order
    2. python3 tic_tac_toe.py - Starts the program for the Board Game - Tic-Tac-Toe

Part B -

- Included files -
    1. **magic_gen.py** - Magic Cube Generation
    2. **tic_tac_toe_3D.py** - Tic-Tac-Toe 3D Game
    3. **An algorithm for making magic cubes.pdf** - Magic Cube Generation is based on the idea provided in this pdf file

- To run the python files use -
    1. python3 magic_gen.py - Starts the program to output Magic Cube of given order
    2. python3 tic_tac_toe_3D.py - Starts the program for the Board Game - Tic-Tac-Toe 3D