Execution Policies Solutions

Code execution and parallelism

- Briefly explain what is meant by the following type of execution
- Sequential
- Vectorized
- Parallel
- Parallel + Vectorized

Execution policies

- Write a program which exercises the following code and outputs the final values of v

    ```
    vector<int> v(2000);
    int count {0};
    for_each(v.begin(), v.end(), [&] (int& x) { x = ++count; });
    ```

- Rewrite the program to use each of the C++17 execution policies in turn

- Compare the output from each program, explaining any unusual features