Execution Policies Exercises

Code Execution

- 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, then displays the elements of vec

```
std::vector<int> vec(20'000);
int count = 0;


std::for_each(se::par, vec.begin(), vec.end(),
                        [&count] (int& x) { x = ++count; }
);
```

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

- Compare the output from each program

- Explain any unusual features