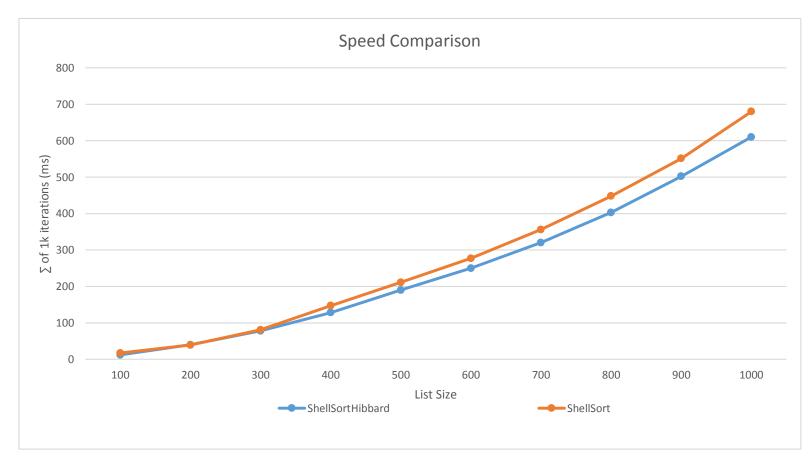# Task

- Create a class `ShellSortHibbard` under `sort`. ☑
    - Extend the `AbstractSort` class.
- Override the `sort` method. ☑
    - Implement the shell sort algorithm.
    - Use the `Hibbard` sequence for the gaps.
- Compare the performance between `ShellSort` and `ShellSortHibbard` using lists of ☑ 100, 200, ..., 1000 random keys for speeds, comparison counts, and assignment counts.

Solution

My SortTest , ShellSortHibbard and excel file can be found in my quiz2 directory

Comparison Count

Legend: ShellSortHibbard, ShellSort

X-axis: List Size

Y-axis: Σ of compareTo()

Assignment Count

Legend: ShellSortHibbard, ShellSort

X-axis: List Size

Y-axis: Σ of assign()