

# Task Execution

## Exercises

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1)

Describe an execution setup where `CompletionService` would be preferred over `ExecutorService`. Motivate your answer.

2)

Use Executors to implement execution of tasks that list files in the first level directories under root based on the first letter of directory name (a-z, A – Z).

Results of the file listings' process by other set of tasks responsible for sorting the results of each listing (e.g. all files under directory whose name starts with letter A) and print out names of the first and the last file in the sorted list.

The file listing tasks should be processed/sorted upon completion by its corresponding Future without having to use `Future.done()` or timed method on `Future.get` to check if task has completed.