Choosing a Thread Object Exercises

Choosing a Thread Object

- What options does C++ provide for starting a task?
- Give the advantages and disadvantages of each one
- Which situations are best suited to each of these options?

Recommendations

- Which is the best situation in which to use each of these options?
    - In the general situation, use std::async()
    - For containers of thread objects, use std::packaged_task
    - If control is needed of when tasks run, or on which thread they run, use std::packaged_task
    - For starting a detachable thread, or for more specialized requirements, use std::thread