**Castelazo - THREAD\_EXECUTORS\_RUNNABLES**

Threads

Runnables

Executors

In order to use executors, you must first import the correct libraries. The ***java.util.concurrent*** package defines three executor interfaces.

***Executor*** is a simple interface that supports the launching of new tasks. It provides a single method, execute, designed to be a drop-in replacement for a common thread-creation idiom.

***ExecutorService*** is a subinterface of ***Executor*** which adds features that help manage the lifecycle of both of the individual tasks and of the executor itself. When using the ***ExecutorService***, you must remember to shut it down when you are done. This is done with the shutdown() method.

***ScheduledExecutorService*** is a subinterface of ***ExecutorService*** that supports future and/or periodic execution of tasks. This allows you to run task after a specified delay. It also lets you run tasks at different intervals.

An example of using the executor code is found here <https://github.com/castelazo-giovanni/CIT360-WINTER2019/blob/master/JAVA%20CODE%20EXAMPLES/codeExamples/src/Thread_Runnable/creatingExecutor.java>