A ***synchronous task*** blocks a process till the task completes.

An ***asynchronous task***is non-blocking and only initiates the task. The caller could discover completion by some other mechanism. The task does not block, it can do some computation while the task is in transit.

**Synchronous**means only one task can execute at a time , after the completion of that task the other task will execute, it blocks the tasks to only one at a time.

**Asynchronous**means more than one tasks can execute simultaneously, it unblock the tasks to execute simultaneously.

Example Asynchronous task in java is any game in which multiple threads execute at the same time.

Example Synchronous task in java is withdrawing money from ATM machine.