Pi Calculator

we used Nilakantha series inside Runnble Denominator to calculate pi we used Threadpool and each thread calculate one of parameter of series and then add all to SUM by changing number of thread our code pass 2 test, and we used 2 other's series to calculate pi but none of them could pass all test case

PrioritySimulator

we add a CountDownlatch to each Thread and used `.CountDown` in run method of those thread and in Runner we made `CountDownLatch` of each thread and then used `.await` to make sure each thread Run with this priority : Black > Blue > White

Semaphore

we made semaphore with permit 2 and in a time (each millisecond) only two Thread got access to Resource (date and time) we add semaphore to each thread, and then we used `semaphore.acquire();` for make access to

resourse and then `semaphore.release();` to let others thread use recourse.