**MULTITHREADING VS MULTI TASKING**

Multitasking is also called multiprogramming whereas multi-threaded is threaded based multitasking.

The basic difference between multitasking and multithreading is that **Multitasking** is CPU intensive it allows the CPU to runs multiple task simultaneously including program, process and threads whereas **Multithreading** allows to execute multiple threads of the same process.

* In Multitasking, System needs to allocate separate memory and separate resources to each program which is executing by CPU.
* In Multi-threading, System needs to allocate the memory to process and the threads in that process shares the same memory.

**Multitasking**

Multitasking is when a single CPU performs several tasks such as program, process and threads at the same time. To perform multitasking, the CPU switches among these tasks very frequently so that user can interact with each program simultaneously.

As CPU rapidly switches so it requires less time to switch from one user to another user.

