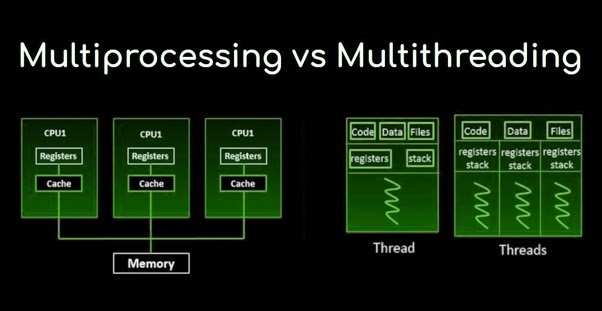
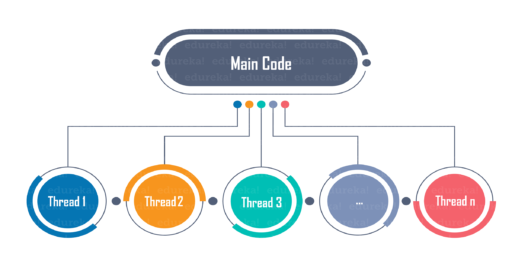
**Multi-Tasking vs Multi-Threading**

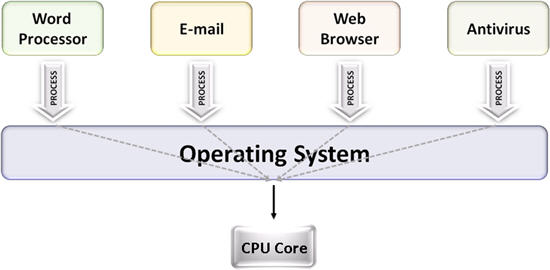
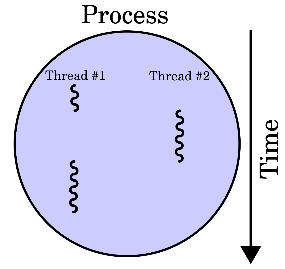
* By the name, people think these both are the same thing or one is a subset of others and they get confused between these and not able to distinguish between these terms. Although, multi-tasking is simply the execution of multiple tasks and multi-threading is thread-based multitasking. In computer, multitasking is the concurrent execution of multiple tasks and multithreading is the ability of a processor to provide multiple threads which execute concurrently.



* On the basis of **switching**, in multitasking, the switching between the programs is frequently on the other hand in multithreading the switching between the thread is frequently.



* On the basis of **memory** and resource, the multitasking allocates the separate memory to execute each program while multithreading shares the same memory and resources to run concurrent threads.

* On the basis of the **cost,** it’s difficult to create different process and it’s costlier while creating threads is easier because they don’t take separate memory allocation as well as sperate resources.