**Process** is a virtual address space that defines resources to be used by one instance of an application.

One application can create multiple processes and resources allocated for each process (virtual address space are isolated from each other)

All **threads** created in an virtual address space have access to the resources available in the address space.

**AppDomain** is sub division within a process address space.

A process that contain no thread will exit that simply mean if windows notice that an application has no running thread the application will be terminated.

Performance of application can be impacted by the time the operating system takes to **perform context switching**.