**Multithreading in Java and Performance testing**

**Multitasking:**

Executing multiple tasks concurrently is called Multitasking.

1. Process based multitasking: Two independent processes/ applications running in parallel. Downloading a file from net, listening to songs, typing in doc at same time
2. Thread based multitasking: If one application/program has tasks that can be executed in parallel. Like typing in word document and formatting and spelling check being done in background.

Increase performance, speed and reduce idle time for processor. Reduce response time of the system. In server, to handle multiple requests at same time, multithreading is used.

2 ways to define a thread:

1. Extends thread
2. Implements Runnable

Get & set name of thread