Q] Why Stop, Resume, Suspended method is deprecated?

(A)

Stop = The terminates the thread abruptly, No Lock Release, No resource clean up happens. [Monitor Locks not released]

Suspend := Put the thread on hold(suspend) for temporarily , No Lock is release too.

Resume : Used to resume execcution of Suspended thread. Thread. Since Suspend method is deprecated hence resume is deprecated too.

```
Thread Joining
```

* When join method is invoked on a thread Object. Current thread will be blocked and awaits for specific thread to finish.

* It is helpful when we want to coordinate between threads or to ensure we complete certain task before moving ahead.

See example in code.

Thread Priority

Priorities are integer ranging from 1 to 10.

    1 -> lowest

    10 -> Highest.

Even if we set the thread priority while creation, it is not guaranteed to follow any specific order, its just a hint to thread Scheduler what to execute next (but its not a strict rule)

(Daemon Thread):

Something which is running in async manner, something which is running in the background.
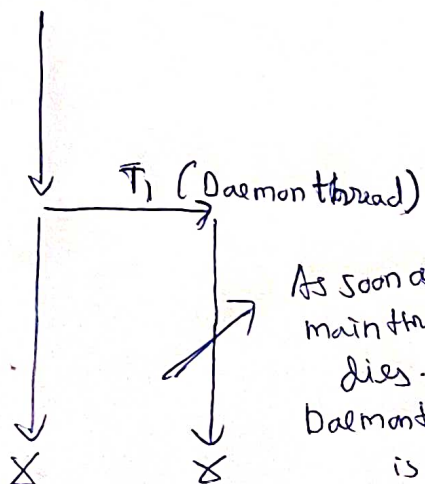
Two types of thread

To make a thread Daemon, we will have to use thread-setDaemon(true);

```
User
thread        daemon
              thread
```

(Example)

Main thread

T₁ (Daemon thread)

As soon as main thread dies. Daemon thread is also dead.

X   X

Daemon thread is not allowed to keep executing like other threads even if main thread ends..

If all [User] thread finish execution, the no daemon thread is kept Alive. Daemon thread live if atleast 1 user thread is Alive.