Multi threading:

* Thread is like a weight process which handle all the incoming requests.
* Multi threading is like multiple threads will be accessing.
* Life cycle of thead:
* It will have 5 stages

1. New 🡺 initialization of thread will happens
2. Runnable 🡺start() method will call run() method
3. Running 🡺 thread execution will start in this stage
4. Non-runnable 🡺 whether the thread is not running that stage is called non-runnable
5. Terminate🡺 once thread finishes its work, it will get terminated.

Start()

Run() 🡺 void with no parameters

How many Threads can be created:

Threads can be created in 2 ways:

1. By extend Thread class
2. By implementing Runnable interface

Thread methods:

* Start() 🡺 here thread will start execution to call internally run() method
* Run() 🡺 here thread execution will happen
* Sleep(milliseconds) 🡺 thread will sleep that period of time
* Join() 🡺 in this 1st thread will execute and 2nd thread ill wait until 1st threads task completion.

Dead lock

Synchronization