**Summary on Async:**

Async programming is a technique to run simultaneous operations at a time in our applications. when we talk about async we talk about overlapping or multiple overlapping on a single thread. Async helps to run multiple IO-bounds computation at same time in a single thread or we can say, that we can run multiple tasks at once without creating multiple threads. IO-bounds are the task that involves waiting of response from the server. Hence, Asynchronous application is much faster but it should be better served by using a simpler threaded model.