**ASYNC RUST ARTICLE SUMMARY**

**INTRODUCTION:**

Async Programming allows you to run multiple operations simultaneously on a single application. It allows you to run multiple task concurrently on a single thread.

In async programming we use the concept of multitasking or concurrent programming. Concurrent programming or multitasking is better suited for when the task spends a lot of time waiting, such as for a response from a server. These tasks are called IO-bound or I/O intensive means when there is too much I/O processing in our system. So, multiple tasks are running at the same time because whenever they wait for a response they remain idle so we allow the computer to keep running the multiple tasks at the same time without waiting.