**Coroutines**

For coroutines first lets understand functions and threads

Function:- a block of code which gives us a result as some value and that block is like that we can use it again and again

Threads:-

So without using multi-threading all the code will run on the same thread

So multithreading is imp because lets say if you wanna do network call or get data from database then your UI will be freeze and wait for network or db to finish then it will go to next line

**Coroutines**

COROUTINES VS THREADS

1. Executed within a threads
2. Coroutines are suspendable :- means there can be more than one coroutines inside a thread and we can pause one coroutine when we want that means it is suspendable.
3. They can change their context that means a coroutine that is working on one thread can be change on another.