[Episode-07] - Sync, Async and Set Time Out Zeto - Code Refer to Code for Most of the Insights. Into this episode. Highlights: 1 const ts = siquite ("node: fs") o suequire can also be witten like above . This way of writing is just to suppresent that the module we one using es a coste module. o It is optional to write (2) fr. readfilesync ("/gossip tet", "utf8") • This readfilesync is wed to synchronously read file data. it does this by blocking the code, it does not let the below code to sun (" password", "salt", 5000000, 50, "sha512")] e synchronous version of pbkdf2, here 2 means and version. another module * pbkdf - passwood based key destration function 11 crypto" · Arguments → "posswood" → signifies password -> "salt" -> It is for encryption → 500000 → defines no. of 9teration -> propostional to how strong password will be -> 50 -> No. of Key length -> "Sha512" -> means which algorithm we want to use Note: synchronous functions doesn't have a callback SetTimeOutZero -> setTimeout(()=23,0) - Trust issues with settimeOut -) It will only be called when call stack of main thread is empty. -> Explanation > Strice the code for settimeout zero & offlooded to libus, then the

callback function can only be executed by is engine only when the callstack is empty that is all synchronous code (that is glaral execution context is popped out of callstack i.e. completed its execution) has been executed, hence therefore the callback function of this settimeout is pushed to Is engine calltack only affet calltack ours the whole code. (that is synchronous code)