DAY - 37, DAILY REPORT, 07 -01 -2022 (FRIDAY)

Today, I had an experience. When I woke up in the morning, it gave me a positive vibe, and the cab came to the apartment and I went to the office. In the morning session they taught about how compiler code runs in javascript and the definition is Compilers convert human-readable code to machine code, so that a computer can understand and run programs. In this series, we will technically be creating a transpiler, so let us give that a definition too: A transpiler converts code from one language, to another language, that has a similar level of abstraction. And how the compiler works means The compilation process is split into multiple stages which each play a crucial part to convert your code into machine instructions. We will be focusing our attention on arguably the 3 main tasks listed below: Scanner The scanner is responsible for reading the source input, one character at a time, and grouping these characters into tokens. Parser - Given a formal syntax specification, the parser reads the tokens, outputted by the scanner, and checks the semantics of the source code. Generator - The generator maps our source input into the target code. Inside the javascript engine compiler and interpreter. A compiler, unlike an interpreter, doesn't translate on the fly. It works ahead of time to create a translation of the code we have written. It compiles it down to a language that can be understood by the machine. After that session i have read the book called extreme ownership in chapter six - simple - jocko willink - the combat outpost falcon, ramadi, iraq: into the

fray whoom!. A massive explosion shook the walls of the building. I was sitting right in the middle of the combat outpost (COP) falcon. Adrenaline shot from my core, and the smart slab and seconds another explosion and one - twenties were vicious. The rounds had wounded the 120 mm that the insurgents saw as daylight in the grim reminder that this was dangerous and we are sitting right in the middle of it. The night before, seif and his seals from task unit bruisers charlie platoon had inserted from the 2nd marine boats from U.S marine corps small unit riverine craft (SURC) boats manned by the greatest with which they often worked from the surc boats onto the riverbank. They led the opening salvo of this massive - operation involving hundreds of U.S.soldiers. Seals then seized and cleared the night while seal snipers provided cover for the dozens of U.S. army tanks and the objects with the task force and the dozens of the tanks and the vehicles. I had the army tatton 1 -37 randle. The rest of the book will be continued in the next daily report. What is an array ? An array is a data structure consisting of a collection of elements (values or variables), each identified by at least one array index or key. Depending on the language, array types may overlap (or be identified with) other data types that describe aggregates of values, such as lists and strings. Thank you that's all for today, thank you.