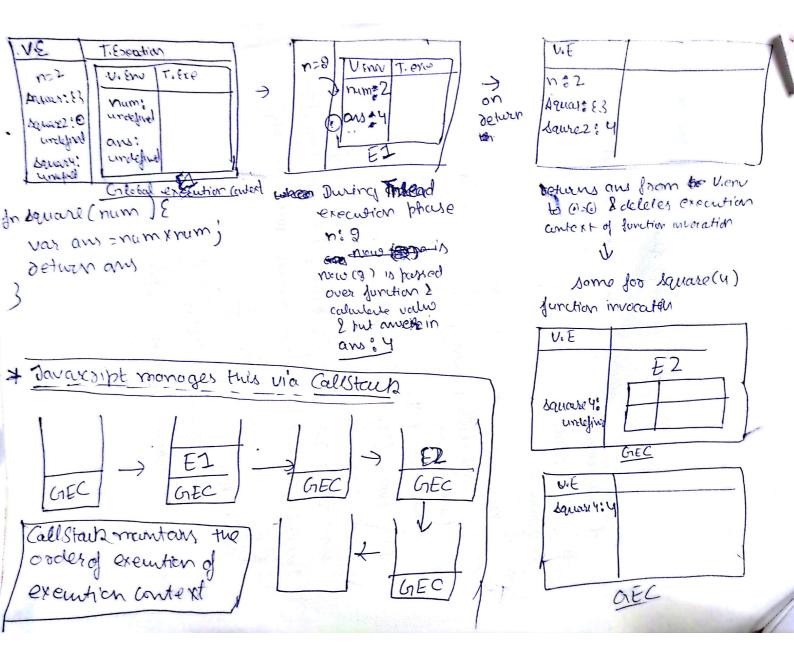
How Javescript works D Everything happens in IS done in Execution context. Executen Context > Anread of Colo Ezecution Memory compenent (Variable Environment) - contains Variable & Functions as Key/Value bass Code component (Thread of Execution) - Where whole Is ado is executed. Javascoint is synchronous, single trovaded larg Phases + Omemory coedian -> @ Code Execution Phase 7/100 N=8 @ code Execution Phase Junction Square (num) { 1 Memory Creation Phase Vous and = num x mum; Completed In this phone Control moves to line I then ahead, at 1 returns an takes memory. I treates Execution V.E (onlex first. n:1 Varable Envisorment s. Var seurez & square (n); sacrosif ? Code neurde ined 6. Jur iquara = squar (4) nothing to with 2 to 4 famure: Epguaralade ? on line 5 & function inworation Saucro ez: and underfried NE squasey; undefined n:1 V.E TIE Global Execution Contex dgit? अप: १ A new Executation Context

boom E2



Owhat is Lexical env? lexical env is create with Execution context. Lexical en-local memory + lexical envisonment of it's barout. 1 What is stope chain? Memosy e will search var 6 in it's a oc -lo: lectical enursonment, ie first secret for unction a() { & in it's local & if not found then Var 6=10; C()in 1713 parent scope. JEC 5 fore! : Search & in local scope (ordered a () dunction (1) { then it's known daspose met 10g(b) security on lexical envoy log (30) CHEC 14's parent. & rest a(); Jours man orcess to so (can C() in callstack has boral scope & sope of it's parent. 10 20