Camlin Page CRAZY JS Interview ft. clasure what is closure in Javascript ? A junction along with a reference with outer a combination of a junction and its lexical scope bundled together forms closure. can you explain little bit more about it? It's like each and every function in Is has access to outer level lexical envisonment 15 that mean like access to the variable of Junction which is present in the environment of its parents. So it has each and every Junction have access to that so even when this Junction is like executed in some other scope, nat in organal scope but even it is executed in some other scope it still sember remember its outler lexical environment where it is conginally present in the code. That is what closure is. Juncation outest () of Var C = 20; function outer (b) of let Q = 10; June 1 con inno (1). 4 Eulen "hello world" a

Camlin Page function outer (). of using the YZARD function inner () f console log (a) i) DENZOD 21 JOHN A junction along with a significantal with order xetum inner que can replace a context of properties as sold in close () gird notte got (Guter () Girls () to the syntax are valid of meaning is same. both syntax are valid No difference using let instead of var occess to outer level lexical envisonment -> function vower (b) 45000 adil apan Olfor · Brown of the presention - to population to the Month of Janction inner () of or thiner() will have consoler log (q, b) posso sugcess of paramete, son sonos in source executed in some some some setum inner: squar longer goutors - m33 mis 11/2 11 99002 (elles will be include (exproborder its outles torical consoment yar close = outer 6" Hello world"); close(); closure is. (1) stakes is function outest () of Var c = 20; function outer (b) s let a = 10; junction inner () s console. log (9,6,0); outer ("hello world") ~ (outest ()) ("hellow world")

argument and will scham shows, var close = outest () ("Hello weres") Vin close > inner junction will be assigned
off - 10 "Hello world" 20 consule, log (count); function outest () § 11 10" hello world"20 Var c = 20; () () () () () junction outer (b) of however if ain function inner () & Orin outer is semoned then output will console. log (9, b, G) 100 "hello world" 20 let 9 = 10; a is present in octum inner; inds. Hunos y denocit passasso of alepalinexecution return outers 119000 of constant & will be rose 3 one liw to next genessed through Scope chain = to resolution. 7 var close = outest () ("hello world") close (); If a is semoved from both sites, then it will throw ofference [soor a 13 not defined. peralion I public variable Earlier mentioned and partial state of Data hiding and encapsulation

and supply onto a again Camlin Page order c) will be called "Hellouph" and went of my my settless should functions counted is for testino = 98010 504 count ++; blow all of consale. log (count); Junetion outest () } counter(); OS = 3 GOV os your pan counts = HACH ON OUTO (b) aloli Countle) function inner () of County); console, log (a then output will 100 "helle world" 20 let 9 = 10; actum inner; d is passent in count can be accessed through counts but if we try to access count variable discorty then it will give Expor. Junction incomment counters () of sol -> 198 count = 0; Now count is available prall function and operation (public variable). so data hiding 4 encapsulation is possible through closure. Data hiding and encopsulation

function counter() of Camlin Page octum junction increment (cynt(); count ++; console.log(count); garable to not garbage collected themeto on consention of premay var counts = counter(); separate closure & EC If not handled properly then Alexander var count2 = counter();] separate closure to count 2 (2) had doid to off tares and In worksed & il reposposi Descents 2 variable which are no long Relation between closure & Garbage colle function counker() & function a () f var count = 0; this countestin exement = function () of my count tt; count ++; console.log(count);) gol. sloves this counterdecorment = junction () f console log (count); var count = new counter(); // conspuctor x will not be gospes Counters. Counter Thesement (); Country Encremental country. country Decrement ()

Camilin Page formation waspant wo Date 21 Disadvantage (mos) 800.000000 variable do not garbage collected Hence our 3. Portugals stomply (Distance) = Thurs 15% to momory leak. Javasonpt is a high level language at is upto programmer how memory should used A garbage collector is a program which seezed the variable which are no longer needel. * 15 Relation between closure & Garbage collection Junction Counter() of () p mortany

Junction a() f () p mortany

Junction consale. log (a) invo) gol. dozno this counterdecornent = function of & console leg (count): 25 y(); > vanable & will not be garbage - Is engine in chrome browser (18) smarty does the task of gartinge callection. county. County Decoment ()

