* Delta Delay (g. 94) * It is a very small delay * Helps in ordering of events that occur at the same metant of time (simulation time). * variable is assigned value immediately + organal is assigned value after Adolay. * Exit process (A,B,C,D) variable templ, temp2; bit; seq-ofene begin Jumidal templ: = A and B; Immediate assign 2 timebet temp2: = land Di Jumediate assign 3 june lie templie temples temp 2 journestate agrant 4 Adelay / Z<= not templ; assign after D delay end process Lecture - 5 * Wait Statement (Pg. 95) * 3 types: wait on sensitivity list; wait untill boolean enpression wait for the englesson * Can be combined like: wait on sentivity-list untill boolean systemon for time engres

* sensitivity list - execute the process once & ent wait at the end of process In absence of sound hist, the process never gets suspended & remains in an a loop during the initialization phase * A process can also be suspended using was statements. * process (senstilist) = "wait on sensilist" as best statement of that process. * sensitist to WAIT are not to be need together * Eg: process to variable temp!, temp2: bit; temp := A and B; temp2 := Cand D; temp != temp or temp2; 2 2= not temp! wait on A,B,C,D; end process; * Eg: process wait on Data; A delay Jame value my B = stand eng A; sant the end provess, D delay

* Ex:- process wait on Data; sig-A <= Data; = get value afte Dt TIDI wait for Ons; & inspend process for At ++2A+ end process assigns at \$ +2 Dt TF2DT What does the following wait statement imply? wait for one; Where when is it used? -> It means to wait for I delta cycle. It is used indeproces so that the delta delayed signal assignments withour a process can take place. WAIT until * wait with CLOCK = 1'; * west / with / TRUE! -