do ... while Looning -L No of Reart Le under Emplition at least 1 tire Por load for (start; Condition; Increament) Action, int counter =0 (B) Par (Counter = 0; Gunter < 10; counter sy)

4 Print P (" Gunter = V.d \n", Guter); Por (conter=0; Gunter c3; Gunter 22) 1 3 rint (" 1.108/em"). Print P (11 Hablen "); (Print[(1 Hesler"); Printl (" Heslem"); Cher Counter = 0; Por (Countar =0; Cunter < 256, Contra) > Drint ("Guter = Yolln", Guter), Created by Notein

& over flowunder Ceneli tim while lour Privite (#15 X5 ="); Sand ("Y.d", & Resut); while (Result 1, = 25) - Drint P try Aagain Printh (*1 5x5 = "); Sant (" Xd", 2Re);

La Data structre - static La one 12 minsion array Datatyze arraguage [Sizearay]. Definition Datatype array Name Esize Declartion DePinition char tem> [10] = 9 1, -2, 4. . . -5; Char temi? [10]; ten7 [1] =20char ten? [4] = 41,39; index Size-1 indexo index Size -1

Lo charten? []; -> error -> Size Lo Charten? [] = 9 1, 35; Canilile La jot X = 5% Clarten [X] j - serror La linkeollist -> 1) y renic MoGte_ Compiler

Char arr [3] i 6 arr[0] 1 arr[4] 8 avr [0] = our 3 arr[2] alias Pointer

for -> Reteat for code with Number Char ten? [20] = Gog; int Counter = 0; Por (Counter=0; Gunter (20; Counter 44) PrintP (" temP [Yd] = Y.d/n" Counter tem? [Counter] output _ temp [o] = []

Created by Notein

for (counter=0; Gunter < 20; Counter+4)

Grant ("Enter temi? [1.d.]", Counter);

Sant ("Y.d", Setem? [Counter]);

Char tem? [10] = 909; int index = 0; Drintf! ("Enter the clar"); Par (index=0: index < 10: index ++) 5 Conf (" 1.c", & tens [index]); Print P(" tour (lar is \n"); For (index = 0; index 2 10; index ++) Print P (" Y.C", tend Tirolex)

Strints Char Name [] = "Heshem"; string -> by default -> Mull _sGn strily Lo Cher Mane [20]; b s G ~ P ("1.5", pame). - Print string La Print & (" Y.S", Nane); work W Lo creat Arrangal Number Avers at Chen Mary of string Site -6 Binary Search start + Enel = 2 - Mid = > star = 0 -> [nel = 5 if (arr [mid) == 5), elseil (arr [mid) >0) Start =0 -> inclox=mid End = Mid -1 break; else if (arr (m: 1) <5) 5tavt = Mor Cleated by Notein

- SiEe-li While (start <= End Mid = Start + End ; if (arr [Mid) = = Search value S Print P(" the index = Y.d \n", Mid); break, clscif (arr [Hid] > search value) End = Mid - 1; if (air [rid] < 5earch vidue) 5tart = Mill 41,

ebeil(arr [mid] > 5)

End = Mid - 15

Cleeil(arr [mid] < 5)

Legert = Mid 41

