7) # include Cstdio.h> # include < string. h> struct Student char name [20]; int choice; 45 [10] Void main() int i, n, c1=0 jc2=0, e3=0, c4=0; printf (" Fater no. of whilehts: \n"). scanf (" 1.d", 2n) for (1 = 0; 1 ch; 1++) printf (" Finter name: \n"); scenf (" 1.5", & SEiJ. name); printf ("Select your puterred dution: In"); grintf ("1-IOT 1t2-Advanced Jana 1t3-J2FF 1t 4-Advanced DS (n")> Sanf (" i.d", &s Ci]. durice) printf(" In In").

print f ("Students involled in IOT: In"); for (i=0; i= n; i++) if (sci). choice = =1) print C" /s In", & EiJiname ); printtf(" No. of shedents envolled in electric, 207. 1.d \n", c/); if (c(<3) printf("This course will not be streamed as total count is less than 3 ln4). for Ci=0; icn; i++) if (sci). choia == 1) printf (" Please select other election: In"/ printf ("choose available elections \n") 3 Scanf [" /d", &s [i]. choice); 3

printf (" Students enrolled in Advanced Danain"), for (i=0; i<n; i++) if (StiJ. choice = = 2) & printf (" 1.5 In", sli ]. name ); c2++; y printf("No. of shedents envolled in elective: Advanced Jana : 1. dln", (2) if (c2 < 3) printf ("This course will not be streamed as total count is less them 31n"); By (1=0; i2n; s++) if (SEI]. choice = = 2) 2 profit (" Please Selvet other electrics: (n"); printf l' choose available électives In"); Scent ("1.d", & sli]. choice); y

printf ("Students emolled in JZEE= ln") for (i= 0; icn; i++) a printf(" /s In", sEi) name ); cs++; 4 print (" No. of shedents errolled in election. JZEE : 4.d In In"(3); if (c3 =3) printf!"This course will not be streamed as total count is less them 3 (n"); for (1=0; icn; i++) i't (S[1]. choia == 3) a print f (" Please select other elichius: | h"); printfl" Choose anailable elubers In"); scent (11 1/d") 4 sci) choid); 3

printf ("Students enrolled in Advanced DS In"); for (1=0; icn; i++) if (slij. choice = = 4) & printf(" /s In", s [i]. name); (4++) 3 printf (" No. of shedents enrolled in elective; Advanced DS: 1.d \n", x4); if (c4<3) printf (" Tris course shall not be streamed total count is less than 31n"), for (1=0; 1cn; 1++) if (sli). choia ==4) privité (" pluse selent other electrons: 1. print { l''Choose anailable elubrus In'); Scanfl" 1.d", &s &i J. charce ), 4 4