Note: minimum 30, count will be require huge diput profession convinence of course = 4. 7. Hinclude < sedio. hs struct course Chare nome[20]; int main () Struct course S[10[100]; int n.i, i, e[3] z{0,000}, choke; char cn [3][10] = ("ZOT", "JA VA", "J2RE" 58 prontf ("Enter no. of students: In') Scanf ("Enter Student detals: 11") for (120; in ; itt) party ("Pares code to select cource: h)

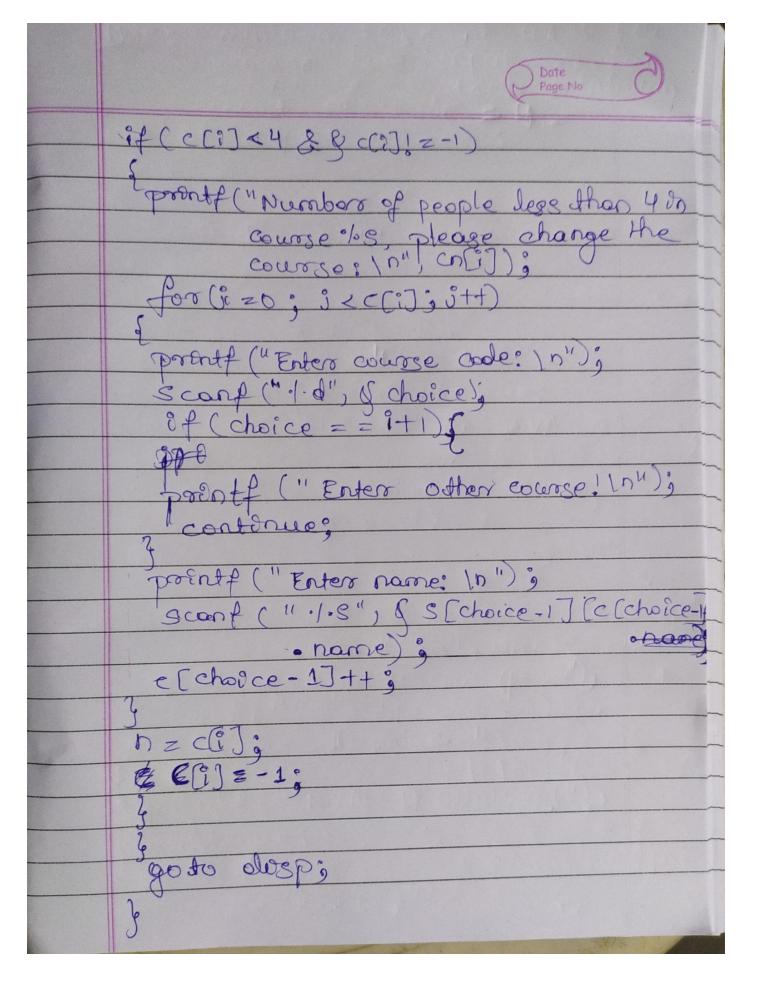
IOI (n D) ADVACED JAVA (n 3) JOEE (n)

1) DATA STRUCTURES (n');

Scanf ("1, d") O chosce);

if (choice < 0 11 choice > 4) prontf (4 - - - - - 1011); prontf ("ENVALIB CHOICE!"); j continue; J prontf (" Enter name of student 1. d.)") iti);

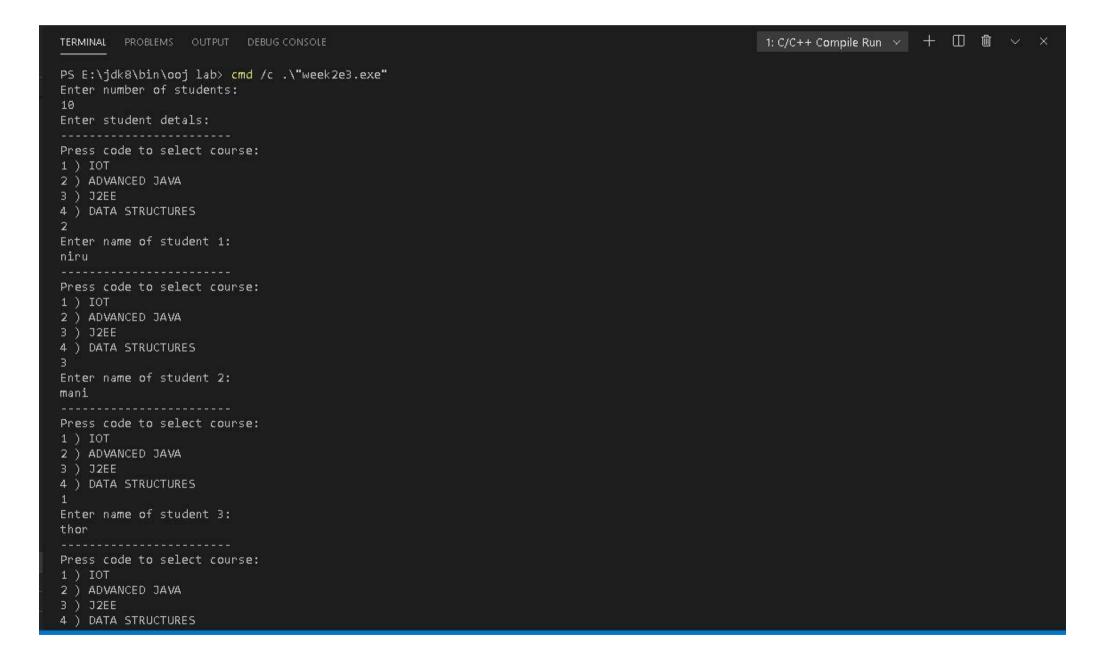
```
scant ("-1.8", & S[choice-1][c[choice-1]].name
cchoice-1]++;
for (120; 124; 1++)
£ 9$ (e(:) > =0)
posint ("List of Students of courge of or (j=0; j<c(i) jjtt)
 printf ("-1.d) 4.8(n", 5+1, s(1)[5];
 Por (°20; ° « 4,9++)
 - 9 + (9==0) d
9 + (((C[6]>4) N(C[0]=z=-)) ) (((C[0]>4)
   11 (C[1] = = -1) & & (E[2]>4) 11 (C[2]==-1)
& & ((C[3]>4) 11 (C[3]==-1))).
     exit (0);
```

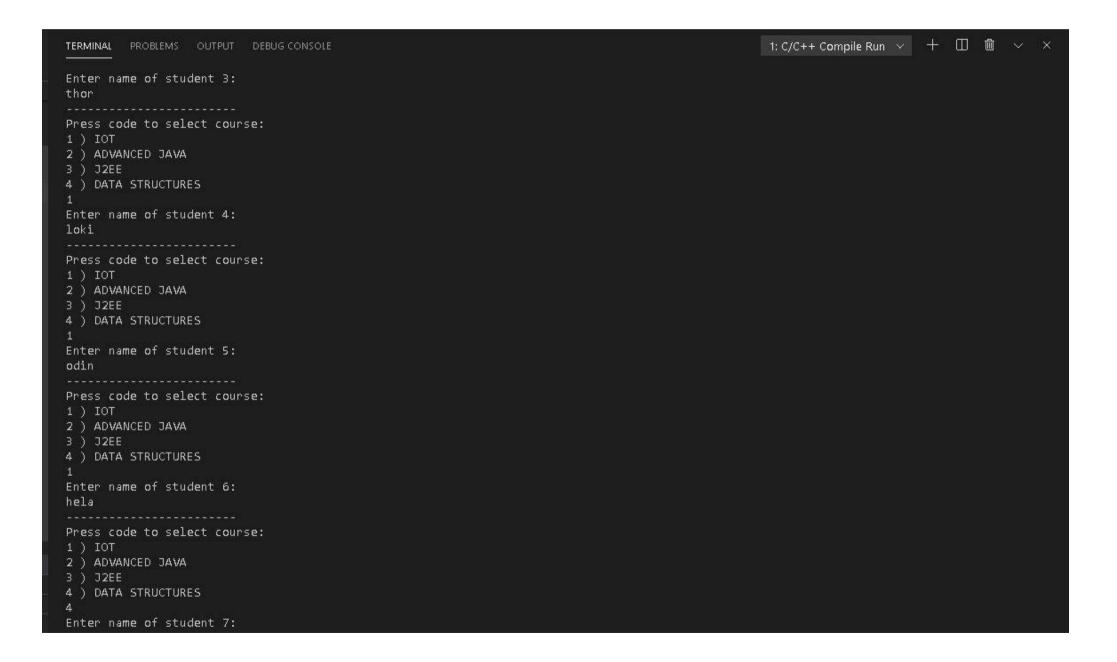


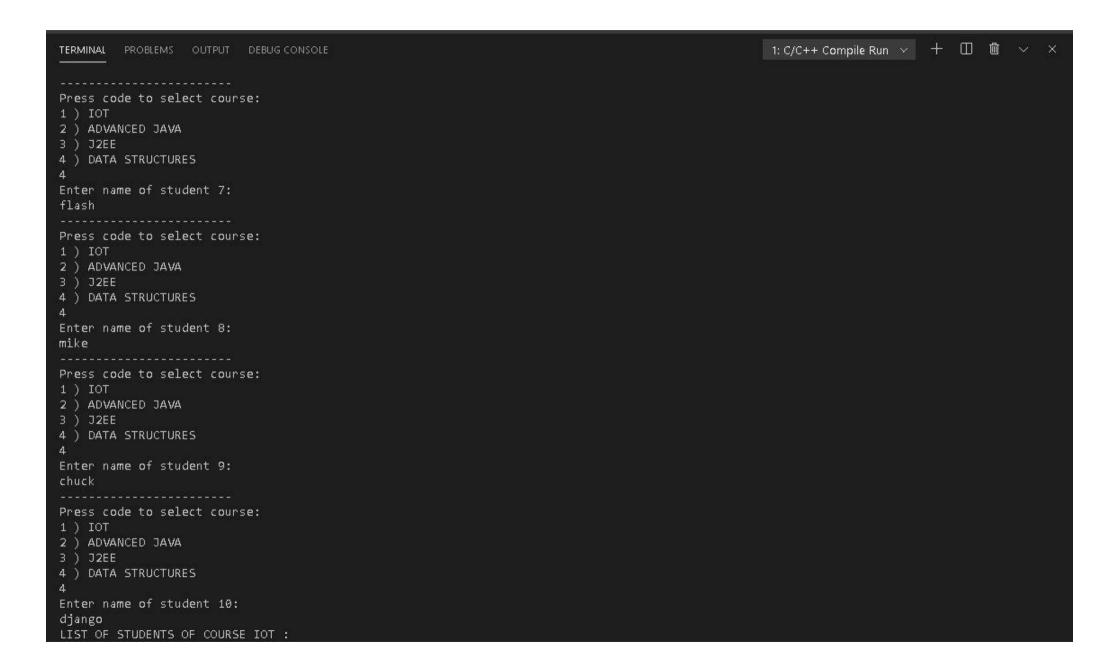
```
C week2e3.c > (3) main()
     #include (stdio.h)
     struct course
 4 char name[20];
   } s[4][100];
    void main()
     int n,i,j,c[4]={0,0,0,0},choice;
     char cn[4][10]={"IOT","JAVA","J2EE","DS"};
     printf("Enter number of students:\n");
    scanf("%d",&n);
     printf("Enter student detals:\n");
    for(i=0;i<n;i++)
     printf("----\n");
17 printf("Press code to select course:\n1 ) IOT\n2 ) ADVANCED JAVA\n3 ) J2EE\n4 ) DATA STRUCTURES\n");
18 scanf("%d",&choice);
    if(choice<0||choice>4)
     printf("INVALID CHOICE!");
    continue;
     printf("Enter name of student %d:\n",i+1);
    scanf("%s",&s[choice-1][c[choice-1]].name);
     c[choice-1]++;
     disp:
```

```
C week2e3.c > main()
      for(i=0;i<4;i++)
      { if(c[i]>=0)
      printf("LIST OF STUDENTS OF COURSE %s :\n",cn[i]);
      for(j=0;j<c[i];j++)</pre>
      printf("%d) %s \n",j+1,s[i][j]);
      for(i=0;i<4;i++)
      { if(i==0){
         if (((c[0] > 4) \mid | (c[0] == -1)) \&\& ((c[1] > 4) \mid | (c[1] == -1)) \&\& ((c[2] > 4) \mid | (c[2] == -1)) \&\& ((c[3] > 4) \mid |
          [(c[3] == -1))
              exit(0);
      if(c[i]<4&&c[i]!=-1)
      printf("Number of people less than 4 in course %s,please change the course:\n",cn[i]);
      for(j=0;j<c[i];j++)
      printf("Enter course code:\n");
     scanf("%d",&choice);
     if(choice==i+1){
     printf("ENTER OTHER course!\n");
      printf("Enter name:\n");
      scanf("%s",&s[choice-1][c[choice-1]].name);
      c[choice-1]++;
```

```
61 }
62 n=c[i];
63 c[i]=-1;
64 }
65 }
66
67 goto disp;
68 ]
```







```
1: C/C++ Compile Run 🗸 🕂 🗓 🛍 🗸 🗴
TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE
LIST OF STUDENTS OF COURSE IOT :
1) thor
2) loki
3) odin
4) hela
LIST OF STUDENTS OF COURSE JAVA :
1) niru
LIST OF STUDENTS OF COURSE J2EE :
1) mani
LIST OF STUDENTS OF COURSE DS :
1) flash
2) mike
3) chuck
4) django
Number of people less than 4 in course JAVA, please change the course:
Enter course code:
Enter name:
niru
Number of people less than 4 in course J2EE, please change the course:
Enter course code:
Enter name:
mani
LIST OF STUDENTS OF COURSE IOT :
1) thor
2) loki
3) odin
4) hela
5) niru
LIST OF STUDENTS OF COURSE DS :
1) flash
2) mike
4) django
5) mani
PS E:\jdk8\bin\ooj lab> ∏
```