```c
/***********************************************************************

                        Online C Compiler.
                Code, Compile, Run and Debug C program online.
Write your code in this editor and press "Run" button to compile and execute it.

***********************************************************************/

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

```c
38 - {
39     if(c[i]>=0)
40 -    {
41        printf("List of students of course %s:\n",cn[i]);
42        for(j=0;j<c[i];j++)
43 -       {
44           printf("%d) %s \n",j+1,s[i][j].name);
45        }
46        printf("Number of students in the course %s is %d\n",cn[i],j);
47     }
48 }
49
50 for(i=0;i<3;i++)
51 - {
52     if(c[i]<3&&c[i]!=-1)
53 -    {
54        printf("Number of people less than 3 in course %s,so the students in the course %s please change the course:\n",cn[i],cn[i]);
55        for(j=0;j<c[i];j++)
56 -       {
57           printf("Enter course code:\n");
58           scanf("%d",&choice);
59 -         if(choice==i+1){
60              printf("Enter other course!\n");
61              continue;
62           }
63           printf("Enter name:\n");
64           scanf("%s",&s[choice-1][c[choice-1]].name);
65           c[choice-1]++;
66
67        }
68
69        n=c[i];
70        c[i]=-1;
71        goto disp;
72     }
73 }
74
```

```
Enter number of students:
4
Enter student details:
------------------
Press code to select course:
1.INTERNET OF THINGS                I
2.ADVANCED JAVA AND J2EE
3.ADVANCED DATA STRUCTURES
1
Enter name of the student 1
r
------------------
Press code to select course:
1.INTERNET OF THINGS
2.ADVANCED JAVA AND J2EE
3.ADVANCED DATA STRUCTURES
2
Enter name of the student 2
t
------------------
Press code to select course:
1.INTERNET OF THINGS
2.ADVANCED JAVA AND J2EE
3.ADVANCED DATA STRUCTURES
3
Enter name of the student 3
y
------------------
```