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7. #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]++;
        }
    }

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disp:
for (i=0; i<3; i++)
{
    if (c[i]>=0)
    {
        printf ("List of students of course %s:\n", cn[i]);
        for (j=0; j<c[i]; j++)
        {
            printf ("%d) %s\n", j+1, s[i][j].name);
        }
        printf ("Number of students in the course %s is %d\n", cn[i], j);
    }
}

for (i=0; i<3; i++)
{
    if (c[i]<3 && c[i]!=1)
    {
        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]);
        for (j=0; j<c[i]; j++)
        {
            printf ("Enter course code:\n");
            scanf ("%d", &choice);
            if (choice == i+1)
            {

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printf ("Enter other course! \n");  
continue;
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}
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printf ("Enter name: \n");  
scanf ("%s", &s[choice-1][c[choice-1].name]);  
c[choice-1]++;
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}
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n = c[i];
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c[i] = -1;
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goto disp;
```

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}
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}
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return 0;
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}
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