

Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

main(): int

Ques 7.c X

```
#include<stdio.h>
#include<conio.h>
struct student
{
    char name[60];
    int d;
};
int main()
{
    int n;
    printf("enter the number of students\n");
    scanf("%d", &n);
    int i;
    struct student s[n];
    printf("enter the details of students\n");
    printf("enter code 1 for internet of things\n");
    printf("enter code 2 for advanced java\n");
    printf("enter code 3 for advanced data structures\n");
    for(i=0;i<n;i++)
    {
        printf("enter the details of %d students\n", n);
        scanf("%s", s[i].name);
        scanf("%d", &s[i].d);
    }
    int x;
    printf("enter a subject code\n");
    scanf("%d", &x);
    printf("the name of the students who selected the subject you entered are\n");
}
```

C/C++ Windows (CR+LF) WINDOWS-1252 Line 11, Col 43, Pos 157

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main() : int

QUES 7.c X

```
7     scanf("%d", &x);
8     printf("the name of the students who selected the subject you entered are\n");
9     for(i=0; i<n; i++)
10    {
11        if(s[i].d==x)
12            printf("%s\n", &s[i].name);
13    }
14    int count1=0, count2=0, count3=0;
15    for(i=0; i<n; i++)
16    {
17        if(s[i].d==1)
18            count1++;
19        else if(s[i].d==2)
20            count2++;
21        else
22            count3++;
23    }
24    printf("the number of students who selected 1 subject are %d\n", count1);
25    printf("the number of students who selected 2 subject are %d\n", count2);
26    printf("the number of students who selected 3 subject are %d\n", count3);
27    if(count1<30)
28    {
29        printf("the subject 1 is removed\n");
30        x=count1;
31    }
32    else if(count2<30)
33    {
34        printf("the subject 2 is removed\n");
35    }
36
```

C/C++ Windows (CR+LF) WINDOWS-1252 Line 11, Col 43, Pos 157

Pr W Ps

here X QUES 7.c X

```
53     {
54         printf("the subject 2 is removed\n");
55         x=count2;
56     }
57     else if(count3<30)
58     {
59         printf("the subject 2 is removed\n");
60         x=count3;
61     }
62     printf("the subject %d is removed\n", x);
63     for(i=0; i<n; i++)
64     {
65         if(s[i].d==x)
66         {
67             printf("enter the subject code other than %d for %s", x, s[i].name);
68             scanf("%d", &s[i].d);
69         }
70     }
71     count1=0;
72     count2=0;
73     count3=0;
74     for(i=0; i<n; i++)
75     {
76         if(s[i].d==1)
77             count1++;
78         else if(s[i].d==2)
79             count2++;
80         else
```

& others

C/C++

Windows (CR+LF)

WINDOWS-1252

Line 11, Col 43, Pos 157



X QUES 7.c X

```
    count2++;
    else
    count3++;
}

printf("the number of students who selected subject 1 are %d\n", count1);
printf("the number of students who selected subject 2 are %d\n", count2);
printf("the number of students who selected subject 3 are %d\n", count3);
if(count1>0)
{
    printf("the students who selected subject 1 are \n");
    for(i=0; i<n; i++)
    {
        if(s[i].d==1)
        printf("%s\n", s[i].name);
    }
}
if(count2>0)
{
    printf("the students who selected subject 2 are \n");
    for(i=0; i<n; i++)
    {
        if(s[i].d==2)
        printf("%s\n", s[i].name);
    }
}
if(count3>0)
{
    printf("the students who selected subject 3 are \n");
}
```

C/C++

Windows (CR+LF)

WINDOWS-1252

Line 97, Col 58, Pos 2384



QUES 7.c

```
printf("the students who selected subject 1 are \n");
for(i=0; i<n; i++)
{
    if(s[i].d==1)
        printf("%s\n", s[i].name);
}
if(count2>0)
{
    printf("the students who selected subject 2 are \n");
    for(i=0; i<n; i++)
    {
        if(s[i].d==2)
            printf("%s\n", s[i].name);
    }
}
if(count3>0)
{
    printf("the students who selected subject 3 are \n");
    for(i=0; i<n; i++)
    {
        if(s[i].d==3)
            printf("%s\n", s[i].name);
    }
}
return 0;
}
```

hers

C/C++ Windows (CR+LF) WINDOWS-1252 Line 97, Col 58, Pos 2384

Pr W ps

"C:\Users\user2\Desktop\QUES 7.exe"

enter the number of students

50

enter the details of students

enter code 1 for internet of things

enter code 2 for advanced java

enter code 3 for advanced data structures

enter the details of 50 students

darshan

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