

```

#include<stdio.h>
struct student
{
    char name[20],m[50];
    int id,age,q;
    float marks;
};
int main()
{
    struct student s[3];
    int i;
    for(i=0;i<3;i++)
    {
        printf("Enter the name of student : ");
        scanf("%s",&s[i].name);
        printf("Enter the id of student : ");
        scanf("%d",&s[i].id);
        printf("Enter the age of student : ");
        scanf("%d",&s[i].age);
        printf("Enter the marks of student : ");
        scanf("%f",&s[i].marks);

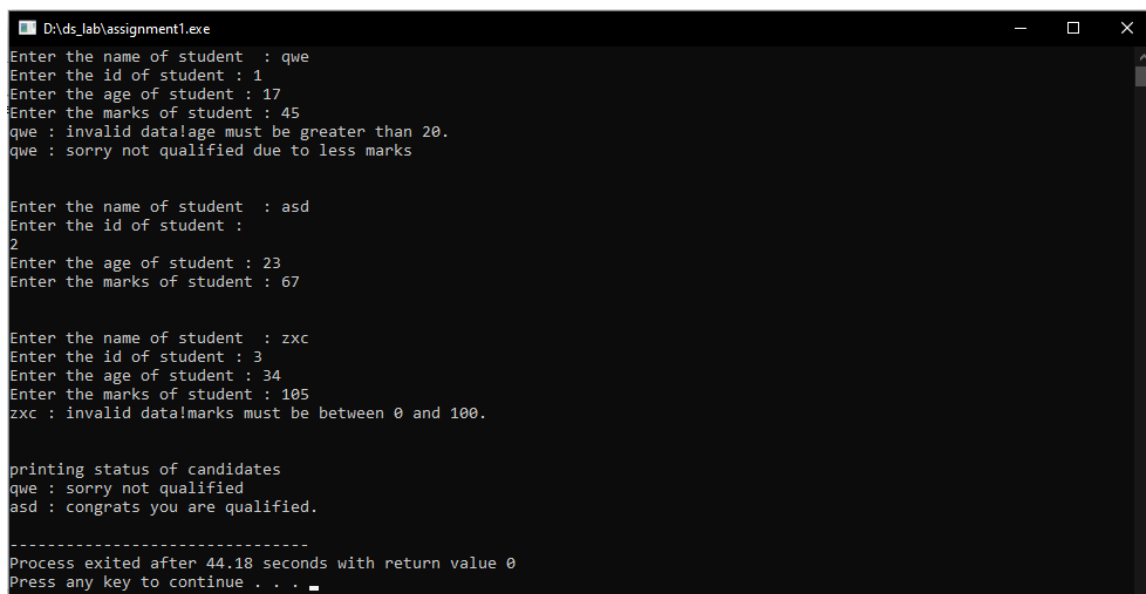
        if(s[i].age<20)
            printf("%s : invalid data!age must be less than
20. \n",s[i].name);
        if(s[i].marks<0||s[i].marks>100)
            printf("%s : invalid data!marks must be between 0
and 100. \n",s[i].name);
        if(s[i].marks<65)
            { printf("%s : sorry not qualified due to less
marks \n",s[i].name);
              s[i].q=-1;}
        else if
            {printf("%s : congrats you are qualified. \n
",s[i].name);
              s[i].q=1;}
        printf("\n\n");
    }
    printf("printing status of candidates \n");
}

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    for(i=0;i<3;i++)
    {
        if(s[i].q==-1)
            printf("%s : sorry not qualified \n",s[i].name);
        if(s[i].q==1)
            printf("%s : congrats you are qualified. \n
",s[i].name);
    }
return 0;
}

```



```

D:\ds_lab\assignment1.exe
Enter the name of student : qwe
Enter the id of student : 1
Enter the age of student : 17
Enter the marks of student : 45
qwe : invalid data!age must be greater than 20.
qwe : sorry not qualified due to less marks

Enter the name of student : asd
Enter the id of student : 2
Enter the age of student : 23
Enter the marks of student : 67

Enter the name of student : zxc
Enter the id of student : 3
Enter the age of student : 34
Enter the marks of student : 105
zxc : invalid data!marks must be between 0 and 100.

printing status of candidates
qwe : sorry not qualified
asd : congrats you are qualified.

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Process exited after 44.18 seconds with return value 0
Press any key to continue . . .

```