



☆ QUESTION-3(FRIEND FUNCTION)



1

2

3

4

5

LET US CONSIDER TWO CLASSES NAMED one AND two. Class one is having its private data members as bs and class two has its private data members as da, hra, gross and tax. A function which is basically outside of both the classes wants to access the private data members of both the class in order to find out the gross salary depending upon following conditions after inputting the bs through user.

da=10% of bs

hra=40% of bs

if bs>10000 tax is 10% of bs(basic salary)

else tax is 8% of bs.

so gross =bs+da+hra-tax.

sample input

1234

sample output

1234

1851

YOUR ANSWER

We recommend you take a quick tour of our editor before you proceed.
The timer will pause up to 90 seconds for the tour.

[Start tour](#)

Draft saved 10:42 pm

Original code

C++



```
1 ▶ #include <bits/stdc++.h>
23 using namespace std;
24 class two;
25 class one
26 {
27
28 float bs;
29 public:
30 void get()
31 {
32     cin>>bs;
33 }
34 friend void display(one,two);
```



1

2

3

4

5

```
38     float da,hra,gross,tax,
39     public:
40
41     friend void display(one,two);
42
43 };
44 void display(one a,two b)
45 {
46     b.da=0.1*a.bs;
47     b.hra=0.4*a.bs;
48     if(a.bs>10000)
49         b.tax=0.1*a.bs;
50     else
51         b.tax=0.08*a.bs;
52     b.gross=a.bs+b.da+b.hra;
53     cout<<a.bs<<"\n";
54     cout<<b.gross;
55 }
56
57 int main()
58 {
59     one one1;
60     one1.get();
61     two two2;
62     display(one1,two2);}
```

Line: 28 Col: 1

☐ Test against custom input

Run Code

Submit code & Continue

(You can submit any number of times)

[Download sample test cases](#)
Notepad to edit them on windows.

The input/output files have Unix line endings. Do not use