

Answer on Question#38218 - Programming - C++

1. Suppose you want to verify the interest calculation used by your bank on a loan. The interest rate is 15.5 percent , stored as .155 in a floating-point variables. The amount of interest you are is computed by multiplying that by the number of days in a year. C++ must convert the integer 365 to a floating-point literal automatically, because it is used in combination which a floating-point variable.

Solution.

```
#include <iostream>

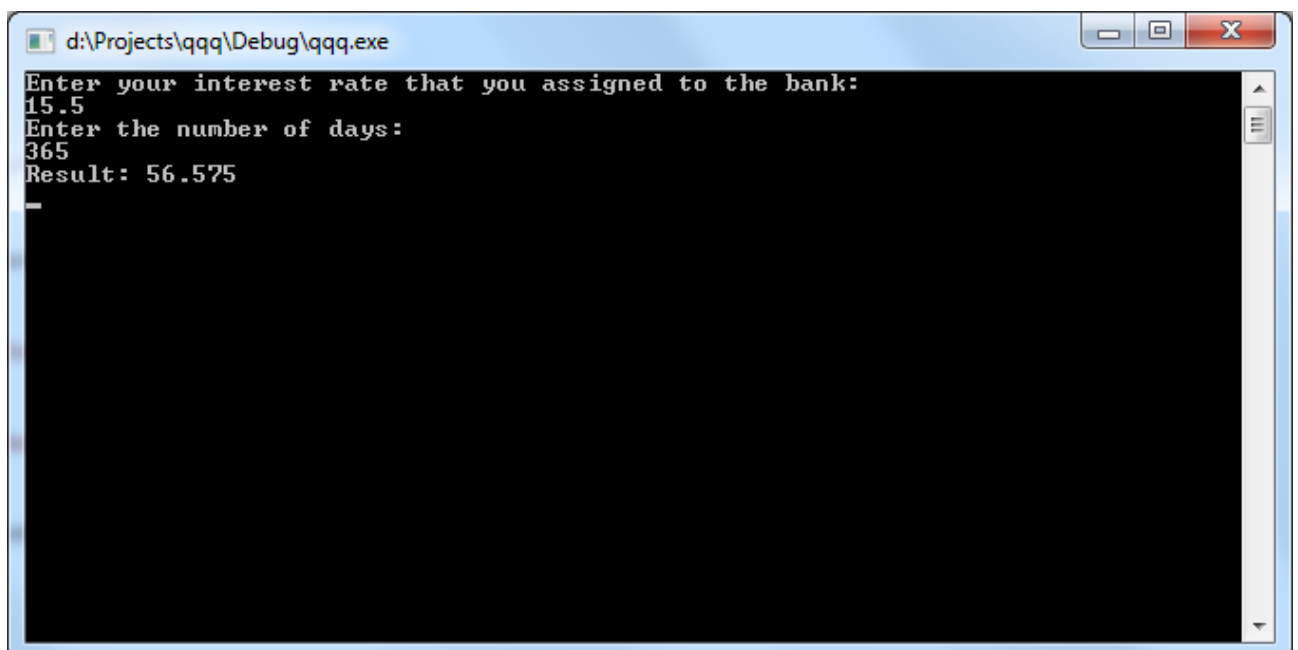
using namespace std;

int main(int argc, char* argv[])
{
    float finterestRate=0.0;
    int days = 0;

    cout<<"Enter your interest rate that you assigned to the bank: "<<endl;
    cin>>finterestRate;
    finterestRate/=100;
    cout<<"Enter the number of days: "<<endl;
    cin>>days;

    cout<<"Result: "<<finterestRate*(float)days<<endl;

    system("pause");
    return 0;
}
```



```
d:\Projects\qqq\Debug\qqq.exe
Enter your interest rate that you assigned to the bank:
15.5
Enter the number of days:
365
Result: 56.575
-
```

