

## Answer on Question# 50398- <Programming> - <C++>

### Program

RealtorCommission.cpp

```
#include <iostream>
#include <conio.h>
using namespace std;

class RealtorCommission
{
    double salePrice;//sale price of a house
    double commissionRate;//the sales commission rate
    double commission;// the commission
public:
    RealtorCommission (double price, double rate);
    RealtorCommission (double price, int rate);
    void print() {
        cout<<"Price is: $"<<salePrice<<endl<<"Commission rate is:
        "<<commissionRate<<endl<<"Commission           is:
        $"<<commission<<endl;
    }
};

RealtorCommission::RealtorCommission (double price, double rate)
{
    salePrice=price;
    commissionRate=rate;
    commission=salePrice*commissionRate;
}

RealtorCommission::RealtorCommission (double price, int rate)
{
    salePrice=price;
    commissionRate=rate/100.;
    commission=salePrice*commissionRate;
}

int main()
{
    RealtorCommission a(10000,0.06);
    RealtorCommission b(10000,5);
    cout<<"First object (10000,0.06): "<<endl;
    a.print();
    cout<<"Second object (10000,5): "<<endl;
    b.print();
    getch();
    return 1;
}
```

Example of execute program:

```
First object (10000,0.06):  
Price is: $10000  
Commission rate is: 0.06  
Commission is: $600  
Second object (10000,5):  
Price is: $10000  
Commission rate is: 0.05  
Commission is: $500  
-
```