#include<iostream>

#include<conio.h>

#include<string.h>

using namespace std;

class SalesOffice

{

private:

char officeName[20];;

double sales;

public:

SalesOffice(const char office[], const double salesAmt);

double operator /(const SalesOffice &office);

friend ostream & operator<<(ostream& out, const SalesOffice &anOffice);

};

SalesOffice::SalesOffice(const char office[], const double salesAmt)

{

strcpy(officeName, office);

sales = salesAmt;

}

double SalesOffice::operator /(const SalesOffice &office)

{

double ratio;

ratio = sales / office.sales;

return ratio;

};

ostream & operator<<(ostream& out, const SalesOffice &anOffice)

{

out <<"The "<<anOffice.officeName

<<" Office sold $"<<anOffice.sales<<endl;

return out;

}

void main()

{

SalesOffice north("North", 2415.75);

SalesOffice south("South", 2812.44);

double ratio;

ratio = north/south;

operator<<(cout, north);

cout <<north;

cout <<south;

cout<<north<<south;

operator <<(operator <<(cout, north), south);

operator<<(cout, south);

cout << "The North office has : "<<ratio\*100

<<" of the sales of South Office."

<<endl;

getch();

}