Actividad 1.1: Clases Conceptos Básicos

```cpp
#include <iostream>

/* Stock Commission */
using namespace std;

class Stock {
private:
int shares;
double price = 35.00;
double Commission = 0.02;

public:
Stock();
Stock(int aShares);
void setShares(int aShares);
int getShares()const;
double getprice()const;
double getcommission()const;
void display()const;

};
Stock::Stock() {
```

```cpp
setShares(0);

}

Stock::Stock(int aShares) {

setShares(aShares);

}

void Stock::setShares(int aShares) {

shares = aShares;

}

int Stock::getShares()const {


return shares;


}


double Stock::getprice()const {

return price;


}

double Stock::getcommission()const {


return Commission;

}

void Stock::display()const {
```

```cpp
        cout << "The amount paid for the stock alone (without the commission): $" <<
getShares() * getprice() << endl;

        cout << "The amount of the commission: $" << getcommission() * (getprice()*
getShares()) << endl;

        cout << "The total amount paid (for the stock plus the commission): $" <<
getcommission() * (getprice() * getShares()) + (getShares() * getprice()) << endl;


}
int main() {

int shares;

Stock p1;

cout << "Enter how many shares of stock u want: ";

cin >> shares;

p1.setShares(shares);

p1.display();


}
```
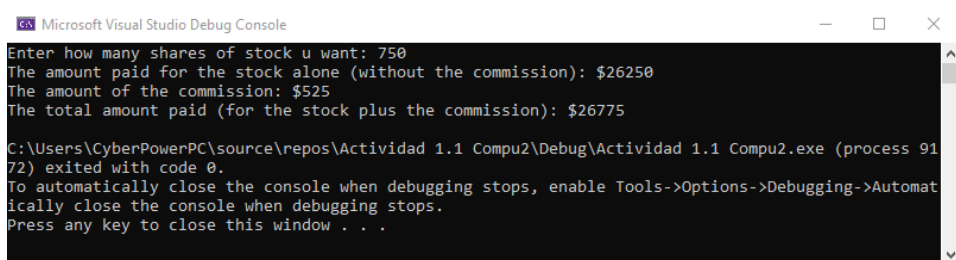


```
Enter how many shares of stock u want: 750
The amount paid for the stock alone (without the commission): $26250
The amount of the commission: $525
The total amount paid (for the stock plus the commission): $26775

C:\Users\CyberPowerPC\source\repos\Actividad 1.1 Compu2\Debug\Actividad 1.1 Compu2.exe (process 91
72) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automat
ically close the console when debugging stops.
Press any key to close this window . . .
```

Enter how many shares of stock u want: 750

The amount paid for the stock alone (without the commission): $26250

The amount of the commission: $525

The total amount paid (for the stock plus the commission): $26775

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