cout << "Constructor using " << co << " called\n";
strncpy(company, co, 29);
copy[29] = '0';
shares = n;
share_val = pr;
set_tot();
}

// class destructor
Stock::~Stock() { // verbose class destructor
    cout << "Bye, " << company << "!\n";
}

// other methods
void Stock::buy(int num, double price)
{
    if (num < 0)
    {
        cerr << "Number of shares purchased can't be negative. "
            << "Transaction is aborted.\n";
    }
    else
    {
        shares += num;
        share_val = price;
        set_tot();
    }
}

void Stock::sell(int num, double price)
{
    if (num < 0)
    {
        cerr << "Number of shares sold can't be negative. "
             << "Transaction is aborted.\n";
    }