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";
    }
    else if (num > shares)
    {
        cerr << "You can't sell more than you have! " << "Transaction is aborted.\n";
    }
    else
    {
        shares -= num;
        share_val = price;
        set_tot();
    }
}