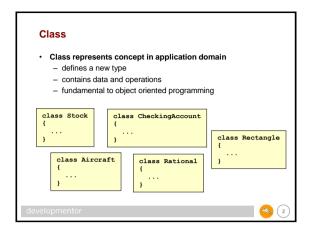
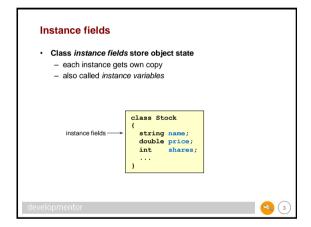
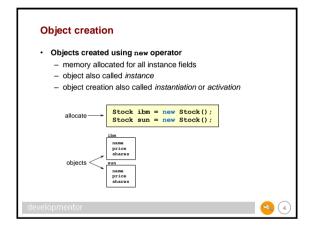
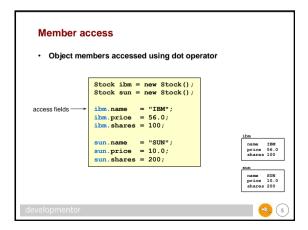
12/01/2003

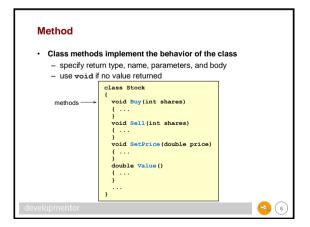




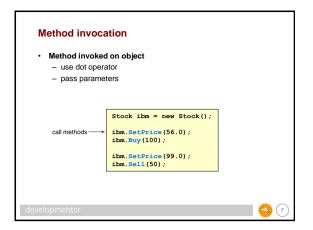


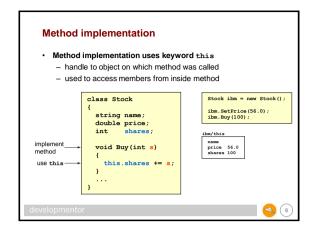




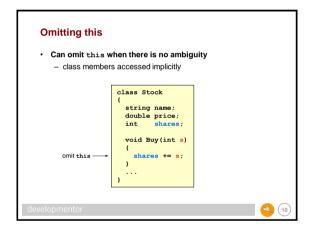


12/01/2003





Required this • Must use this when local name conflicts with member name class Stock { string name; double price; int shares; void Buy(int shares) { this.shares += shares; } ... } developmentor



```
Return value

• Use return to send data out of method

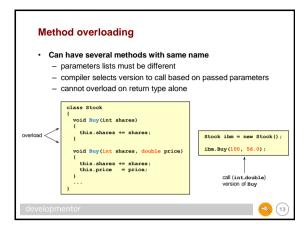
- value sent back to caller

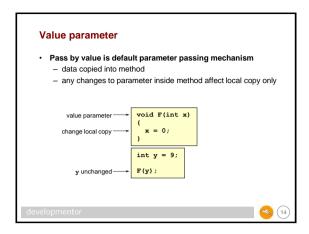
class Stock
{
    double Value()
    {
        return price * shares;
    }
    ...
}

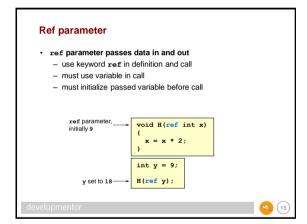
Stock ibm = new Stock();
    ibm.SetPrice(56.0);
    ibm.Buy(100);
    double v = ibm.Value();

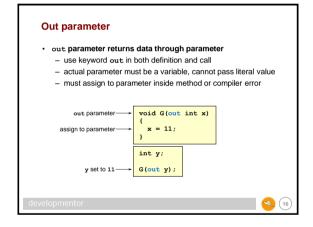
developmentor
```

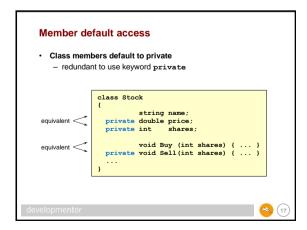
12/01/2003

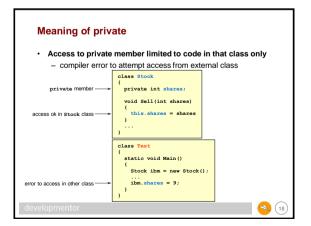




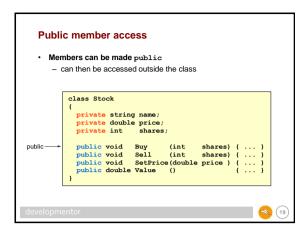








12/01/2003



Encapsulation Access levels used to separate interface from implementation interface made public implementation made private Separation allows implementation to be easily changed without breaking user code supports object-oriented principle of encapsulation

