

## ITEM 10:

Date: .....

Same assignment operator return a  
a reference to \*this

```
int x, y, z;
```

```
x = y = z = 15; // chain of assignment
```

assignment is right associative.

```
x = (y = (z = 15));
```

15 is assigned to z, then result of  
that assignment (the updated z)  
is assigned to y, then (updated y)  
assigned to x.

Thus, assignment returns a reference  
to its left hand argument.

```
class A {
```

```
public:
```

```
    A & operator = (const A &rhs)
```

```
    {
```

```
        return *this;
```

```
    }
```