Something new: Compound Assignment Operators

Mr. Neat
Java

Compound Assignment Operators

- Equivalent ways of writing the same code
- Won't change how your program looks or runs from the user's perspective
- It's cool to do this

Compound Assignment Operators

int x = 6;

x = x + 1;   equivalent to: x++;

x = x*5;   equivalent to: x*=5;

x = x - 10; equivalent to: x-=10;

Compound Assignment Operators

```
1.    += (compound addition assignment operator)
2.    -=  (compound subtraction assignment operator)
3.    *= (compound multiplication assignment operator)
4.    /= (compound division assignment operator)
5.    %= (compound modulo assignment operator)
```

Lab

1) Review your Frogger Final program and replace all assignment operators with compound assignment operators
2) comment out the old code in case you make a boo-boo so you can find your change easy
3) Run the code and verify you didn't break it
4) In the future, use these if you would like. I don't care