

Announcements

- **Computer Science Major/Minor Workshop**
Monday 12/11 at 1:00PM (Be sure to sign up in advance!)
- **Final Exam: Wednesday 12/13, 4:00PM to 6:00PM**

Room Assignments:

Last names A-N → PHY 1412

Last names O-Z → SPH 1312

- **Please complete course evaluations:**
<https://www.courseevalum.umd.edu/>

Increment Operators

Three ways to increment a variable:

```
x = x + 1;
```

```
x++;
```

```
++x;
```

How is **++x** different from **x++**?

They carry different values:

```
x++ → value matches x before increment
```

```
++x → value matches x after increment
```

Example: [Increment.html](#)

Decrement Operators

Three ways to decrement a variable:

```
x = x - 1;
```

```
x--;
```

```
--x;
```

Same semantics as “++”...

Other Shortcuts

```
x = x + 7;
```

```
x += 7;
```

```
x = x - 7;
```

```
x -= 7;
```

```
x = x * 7;
```

```
x *= 7;
```

```
x = x / 7;
```

```
x /= 7;
```

Loop Control Statements

- **break** – immediately terminates the loop
- **continue** – immediately goes to the top of the loop

Example: BreakAndContinue1.html

BreakAndContinue2.html