



CS 113 – Computer Science I

Lecture 1 – Input, Data Types, Variables

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Announcements

- Assignment 00
- Office hours:
 - TA: Sunday – Thursday 6-10pm (Park 231)
 - Prof Poliak – Wednesday 10-11am (Park 220C)
 - Prof Normoyle – Wednesday 4-5pm (Park 200B)
- Attendance sheet:
https://azpoliak.github.io/cs113_attendance.html



Agenda

- Announcements
- Recap
- Folders and Directories
- Interacting with a program
- Data Types & Variables

Recap

- Print a message to output

```
System.out.println("Hello World!");
```

- Terminal commands

- ls
- cd
- pwd
- javac
- java

Folders & Directories

- Open folder from VSCode
- Organizing programs in directories
- special directories:
 - .. (double dot) - parent directory

Command line arguments

- Way to communicate to our program by passing data to our program

Paired exercise

- Write a program called `FavoriteFood`
- Program should ask the user what their favorite food is.
- Program should print out what the user's favorite food is.

Data Types

- Way to store information in programs
- `int`: whole numbers
- `double`: numbers with decimal points
- `String`: anything between quotations

Variables - Holders for values

- `String greeting;`

- Creates a variable called “greeting” that can store a string

- `int a, b, c;`

- Creates 3 variables that can store integers

- `a = 3;`

Assignment statement

- `int d = 10;`

Declaration & Assignment statement
Best Practice!

Declaration
statements:
Do not store any value