CMSC 131

Fall 2018

Announcements

- CS Survey

- First project (Hello World) is due on Wednesday. If you're stuck, come to office hours.

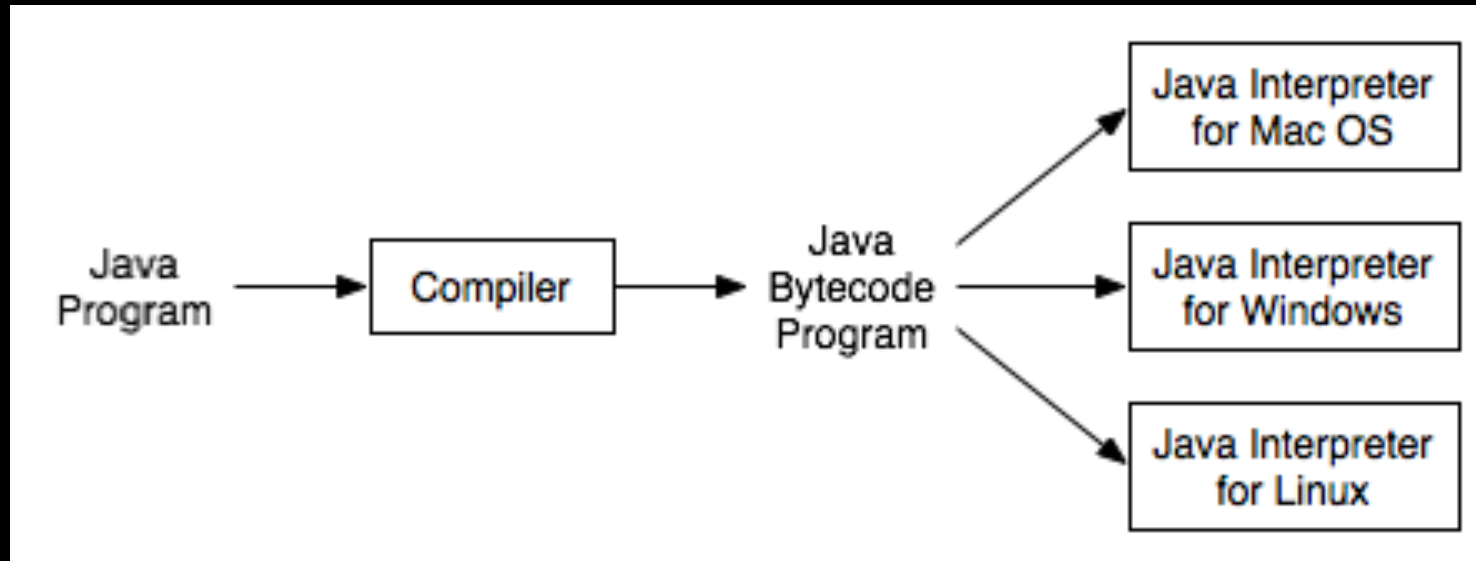- No discussions on Tuesday

Continue: Higher Level Languages

Some "historically interesting" languages:

- Fortran

- Cobol

- Lisp

- Pascal

- C

- C++

- Java

- Python

- Ruby

Translating High Level Code to Machine Code

- Compiler

- Interpreter

- How does Java do it?

Why Java for CMSC131?

- Popularity in industry

- Designed for "Object Oriented" approach

- Portable

- Extensive and modern libraries

- Good for beginners
  - Static typing
  - garbage collection

Preliminary Remarks

- All coding examples will be posted to your CVS repository

- Initial examples are "procedurally oriented" not "object oriented"

- We're going to start very slowly!

- We will have to leave out some details at first.

- Don't be afraid to try "experiments" on your own!

Vague Definitions (for now…)

First, let's loosely define these terms:

- Object
- Class
- Method
  - Main method
- Statements