

Introduction

COSC 122 Programming II

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Valley View University
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Instructor

- Richard Halterman
 - Professor of Computer Science, Dean
School of Computing
Southern Adventist University
Collegedale, Tennessee, USA
 - Ph.D. in Computer Science
University of Tennessee, Knoxville
 - Research area: software systems

Course Website

- <http://computing.southern.edu/halterman>
 - Syllabus
 - Assignments
 - Code we develop in class
 - WebGrades

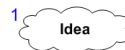
When and Where We Meet

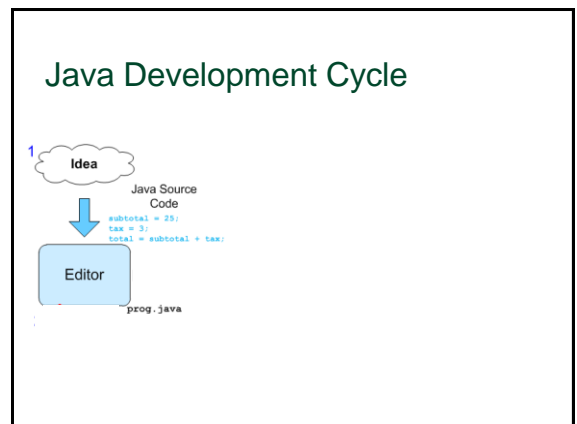
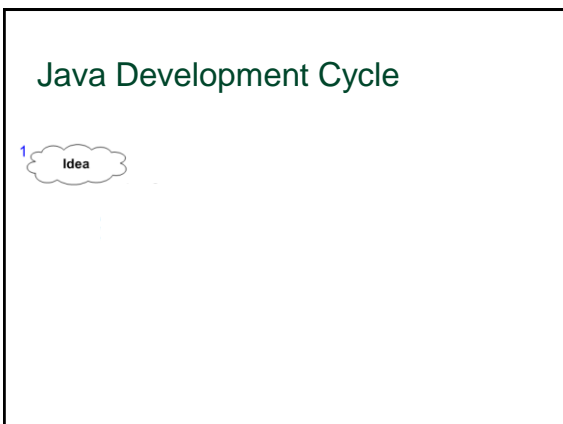
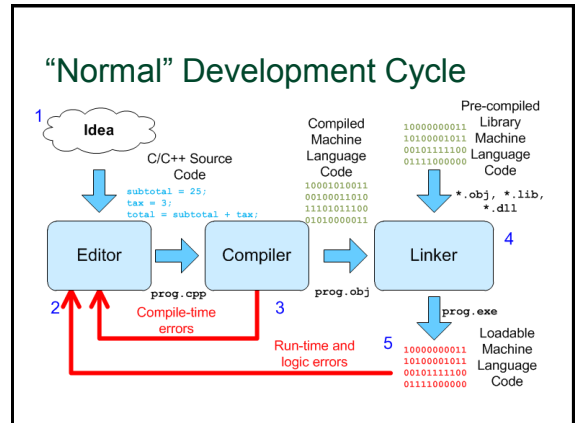
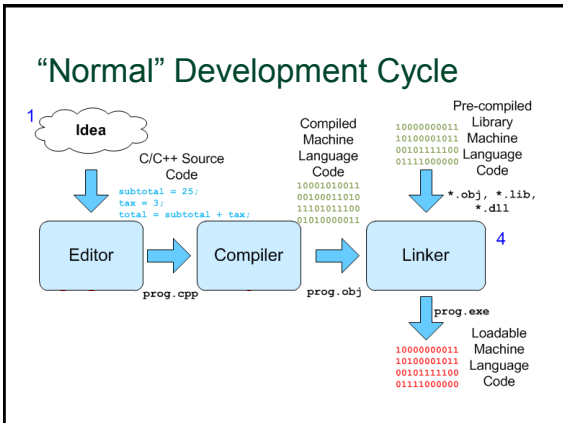
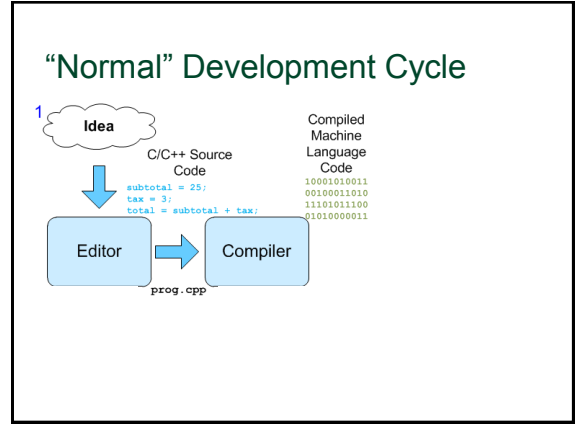
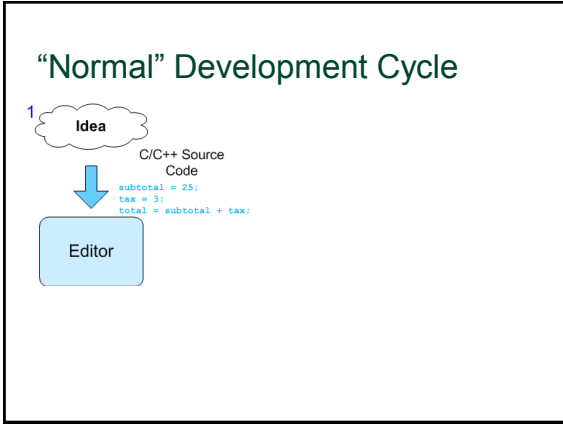
- June 4–28
- Monday–Thursday
- Computer Lab
- 2:00 pm–5:00 pm
- 2 hours lecture + 1–2 hours practical
 - 2:00 pm–6:00 pm (except Wednesdays)

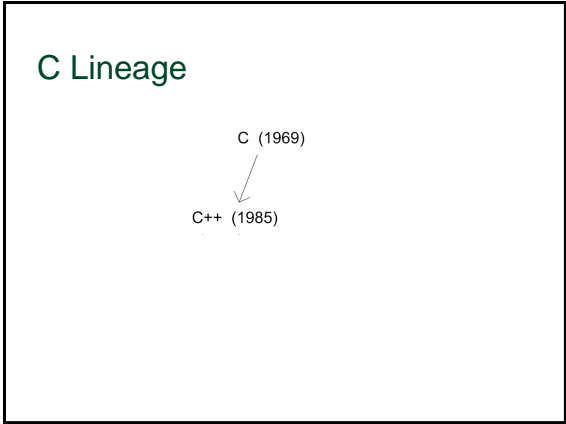
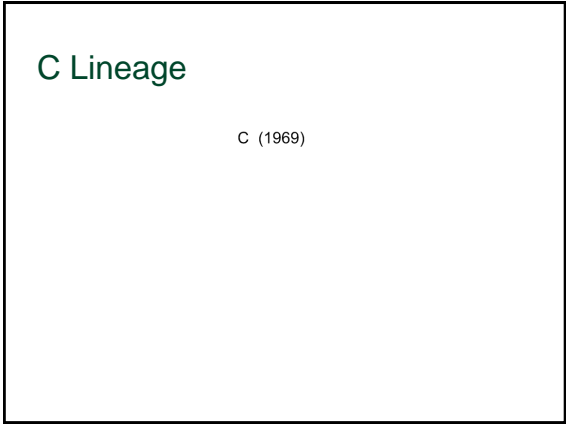
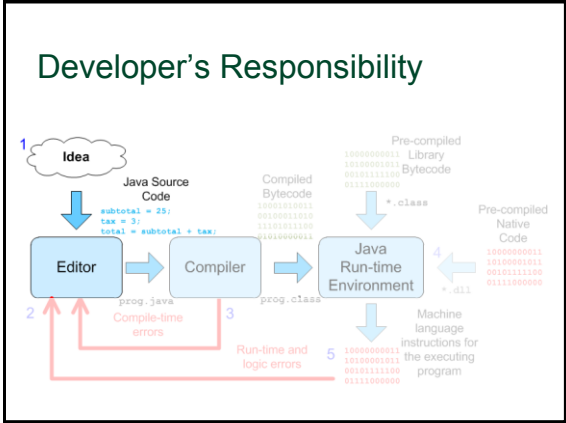
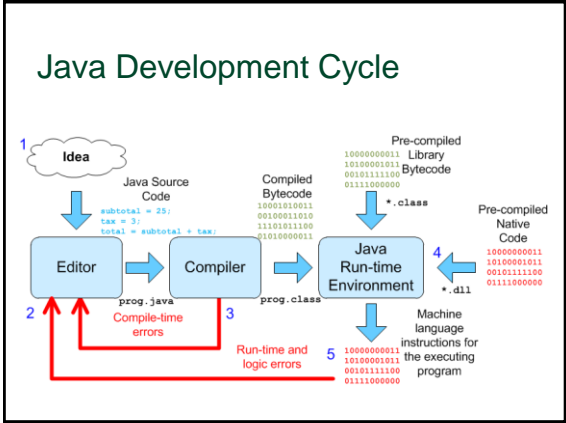
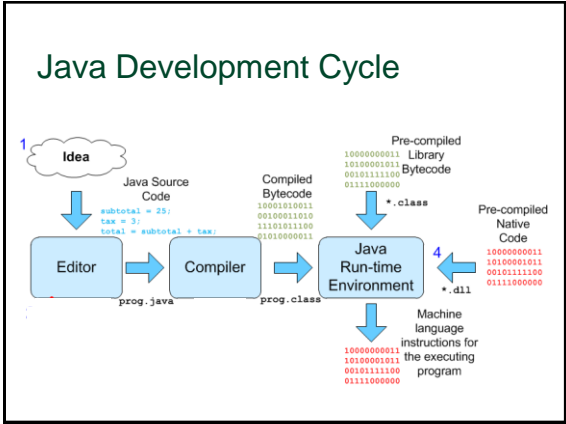
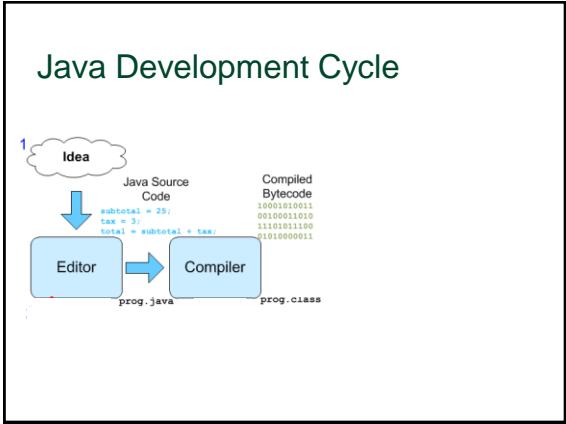
Java Characteristics (From Sun/Oracle)

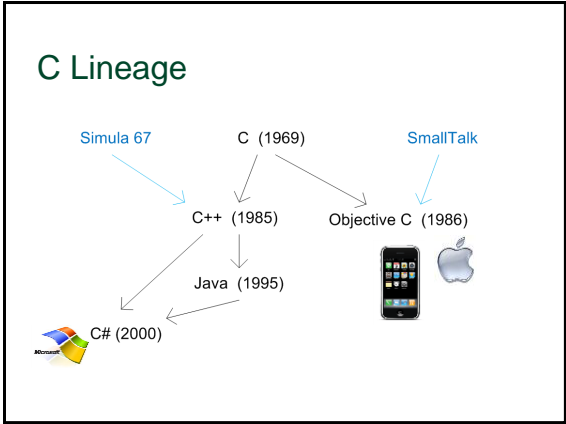
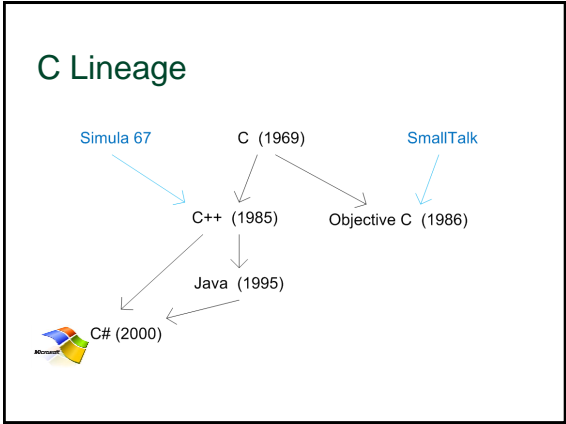
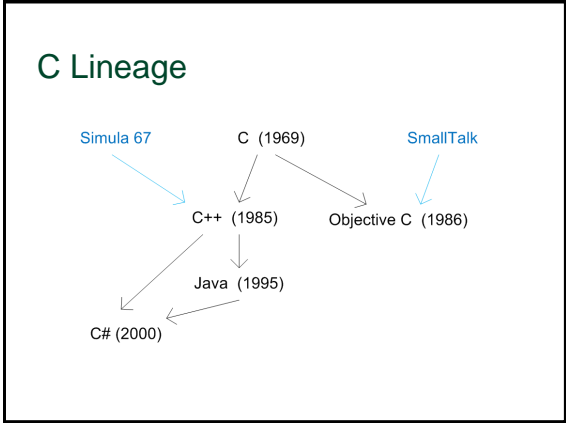
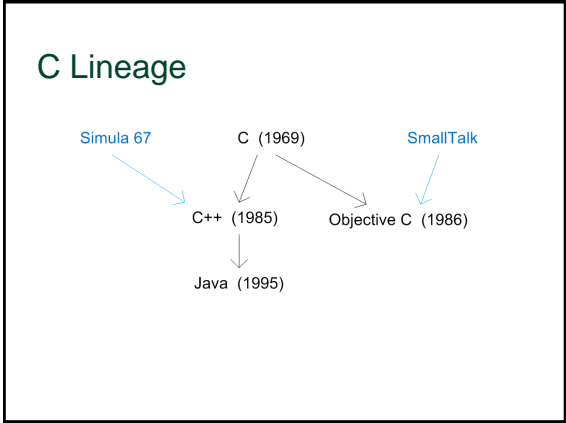
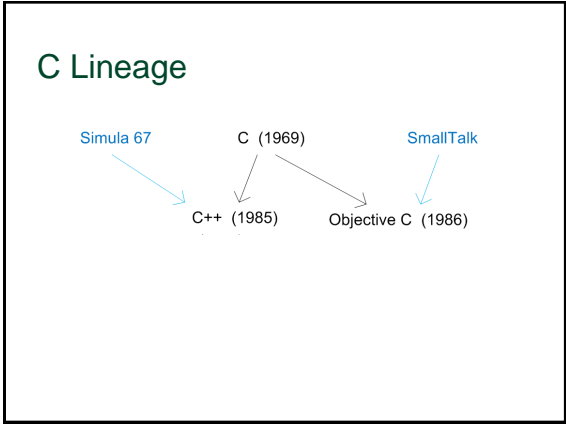
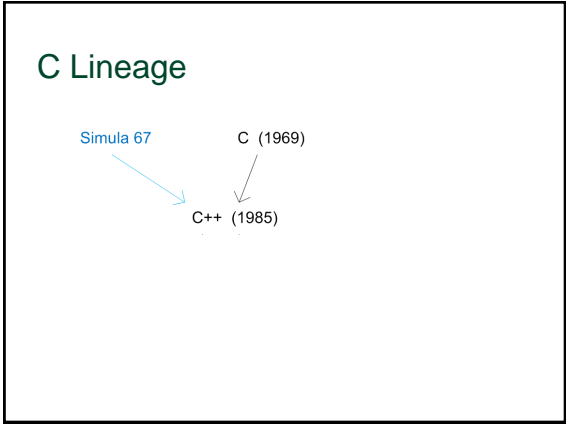
- Simple
- Object oriented
- Distributed
- Multithreaded
- Dynamic
- Architecture neutral
- Portable
- High performance
- Robust
- Secure

“Normal” Development Cycle

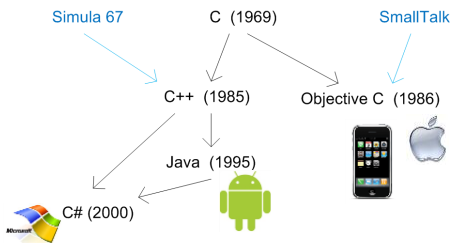








C Lineage



Tools

- Oracle Java SE 7u4 (JDK 1.7.0_04)
 - <http://java.oracle.com>
- Eclipse or Netbeans IDE
 - <http://eclipse.org>
 - <http://netbeans.org>
- Editor + command line, if you like
- Tools are freely available
 - Microsoft Windows XP–Windows 7
 - Apple Mac OS X
 - Linux

Textbooks

- <http://python.cs.southern.edu/javabook/javabook.pdf>
- It's a work in progress
- Check frequently for updates and corrections

