

Programming Language Paradigms Lecture 1

Nicolas Andrew Burnett

August 23, 2021

1 Syllabus

```
// Main.java
public static void main( String [] args ) {
    System.out.println(15);
}
```

- 3 Exams 27% (multiple choice, 30 questions), HW 32%, Projects 32%, Quizzes 9%
- Programming will happen, but it's dissecting the theoretical aspects of programming language **design and implementation**
- Book is **dense and hard**, meant for reference, not to learn from
- Biggest difficulty is **Chapter 3**. Lots of material, heavy math element. **Chapter 15/16** is *heaviest*, cover different programming paradigms (**imperative** programming, **functional** programming, **logical** programming)
- Projects look intimidating, but is meant for exploration. Will be an interpreter
- Assignments will be turned in through eLearning (**PDF/TXT format**, anything else won't be graded. Programs are turned in using **Native Language Files** (.py, .java, .js, .ts, etc))
- Grade boosts are available to those who attend class