1 Intro

Lecture 1, 1/10/2019

1. Handout 1 — My names
2. Plagiarism — read aloud
3. E-mail list: CS450001@cs.uky.edu
4. Assignments on web. First assignment — Fortran
5. Accounts in MultiLab
6. Text (Sebesta, 10th edition) — we will follow somewhat

2 Software tools

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3 Fortran by examples

text file: examples.f

4 Fortran jokes (from the net)

1. God is REAL unless declared INTEGER.
2. Question: What will the scientific programming language of 2050 look like? Answer: No one knows, but it will be called FORTRAN.

3. CS without FORTRAN and COBOL is like birthday cake without ketchup and mustard.

4. Consistently separating words by spaces became a general custom about the tenth century CE, and lasted until about 1957, when FORTRAN abandoned the practice.

5. The primary purpose of the DATA statement is to give names to constants; instead of referring to pi as 3.141592653589793 at every appearance, the variable PI can be given that value with a DATA statement and used instead of the longer form of the constant. This also simplifies modifying the program, should the value of pi change.