COMPSCI 1JC3

Introduction to Computational Thinking

Fall 2017

12a Discussion Session

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Admin

- Midterm Test 2 marks are posted.
- Final exam will be held on Fri., Dec. 8 at 12:30pm.
  - ▶ Review session in class on Mon., Dec. 4.
- Course evaluation.
  - ▶ CS 1JC3 survey on Avenue until Sun., Dec. 3.
  - ▶ Online course evaluations until Thu., Dec. 7.
- Question and answer session in class on careers in computing on Wed., Dec. 6.
- Office hours: To see me please send me a note with times.
- Are there any questions?

Review

1. Therac-25.
2. Software development phases.
3. Software development models.
4. Software engineering.
5. Software engineering principles.
6. Software testing.

Who is David Parnas? (iClicker)

Who was David Parnas?

A. A professor emeritus in the Faculty of Engineering.

B. Started the McMaster Software Engineering program.

C. Developed the idea of information hiding in modular design.

D. One of the founding fathers of software engineering.

David Parnas (born 1941)

- Professor Emeritus, McMaster University.
- One of the pioneers of software development.
  - ▶ Developed the ideas of modular design and information hiding.
  - ▶ Advocate of precise documentation including Parnas tables.
  - ▶ Advocate of software development as an engineering discipline.
- Designed McMaster's undergraduate program in Software Engineering.
- One of the most recognized researchers in the Faculty of Engineering.
- See "Software Fundamentals: Collected Papers by David L. Parnas", edited by D. M. Hoffman and D. M. Weiss.