

CS102: Syllabus and History

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Grading

- %10 - Recitation Attendance/Quiz
- %30 - Homework (%20 code, % 10 Questions)
- %25 - Midterm
- %35 - Final

Plagerism

Plagerizing homework:

- 1st - F on the assignment
- 2nd - F for all homeworks
- 3rd - F for the class

Cheating on exams:

- midterm - F on the midterm
- final - F in the class

Contact Info

- Hannah Aizenman
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- office hours: NAC 7/311
- office hours: 3:00-5:00 Th and by appointment

Required Materials

- Textbook: Gary J. Bronson, C++ for Engineers and Scientists (any edition)
- Text Editor: Notepad, Notepad++ or any other plaintext editor
- Compiler: g++ (install on Windows using MinGW or Cygwin, on Mac using xcode)

History of CS: 1805

- Joseph-Marie Jacquard
- punch card programs
- programmable loom



History of CS: 1837

Charles Babbage

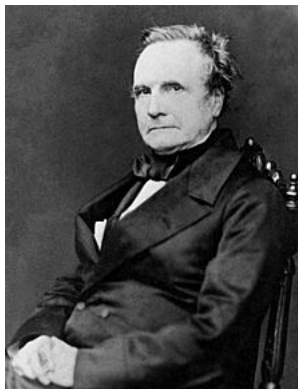


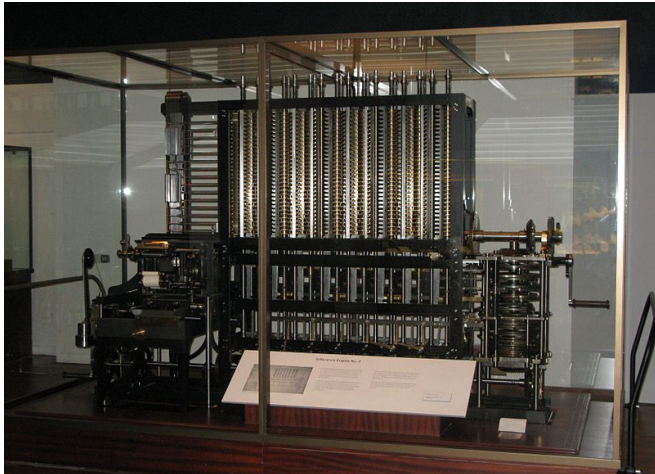
Figure : Invented first computer

Ada Lovelace



Figure : Wrote first program

Difference Engine-Polynomial Calculator



Punchcard Tabulator

Herman Hollerith

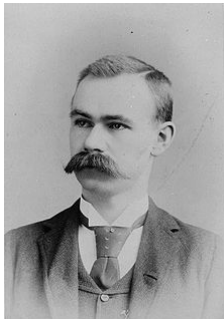


Figure : Hollerith card puncher used by the United States Census Bureau

The Tabulator

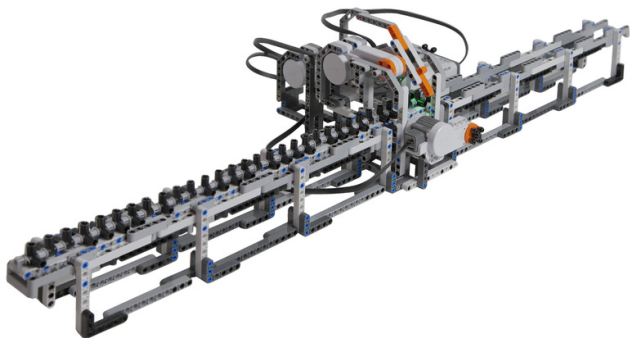


History of CS: WW11

- Alan Turing
- father of theoretical computer science and AI
- also code breaker
- turing machine reduces computation to lowest level



Turing Machine



First Homework

Fill out survey on blackboard, due 11:59PM Wednesday