

## **Imagining Computers**

1. Archival Projects: 15 mins.
2. Vannevar Bush  
**Is this a computer? What is?**
3. Theory
4. Computer Chronology
  - (a) Long History
  - (b) Early electronic computing  
**chaining complex operations**
    - i. John Atanasoff and Clifford Berry at Iowa State University: 1936 and on.
    - ii. Enigma and the Bombe
    - iii. Harvard Mark 1 (1945)–mechanical switches.