

# Exercise

CSC140 Foundations of Computer Science

10 February 2016

1. “On Computable Numbers, with an Application to the Entscheidungsproblem,” by Alan Turing
2. “A Symbolic Analysis of Relay and Switching Circuits,” by Claude Shannon
3. “I, Robot,” by Isaac Asimov
4. “First Draft of a Report on the EDVAC,” by John von Neumann
5. “As We May Think,” by Vannevar Bush
6. Eniac
7. “The Nine Billion Names of God,” by Arthur C. Clarke
8. transistor
9. Univac
10. “The Human Use of Human Beings,” by Norbert Wiener
11. FORTRAN
12. Semi-Automatic Ground Environment (SAGE)
13. COBOL
14. LISP
15. “Algorithm 64: Quicksort,” by C.A.R. Hoare
16. “A Note on Two Problems in Connexion with Graphs,” by E.W. Dijkstra
17. integrated circuit
18. BASIC
19. IBM System/360
20. DEC PDP-8

21. computer mouse
22. Arpanet
23. microprocessor
24. DEC PDP-11
25. “The Complexity of Theorem Proving Procedures,” by Stephen Cook
26. RAM (random access memory)
27. “A Person Computer for Children of All Ages,” by Alan Kay
28. floppy disk
29. Winchester disk
30. Global Positioning System (GPS)
31. SIGGRAPH
32. Ethernet
33. Cray I
34. public key encryption (or public key cryptography)
35. Apple II
36. IBM PC
37. CD-ROM
38. Project Athena
39. Apple Macintosh
40. “The GNU Manifesto,” by Richard Stallman
41. IEEE 754
42. “No Silver Bullet—Essence and accidents of software engineering,” by Fred Brooks
43. SPARC architecture / Reduced Instruction Set Computing (RISC)
44. Unicode
45. Linux
46. World Wide Web
47. JPEG

48. "The Cathedral and the Bazaar: Musings on Linux and Open Source by an Accidental Revolutionary," by Eric Raymond
49. Google
50. Amazon
51. eBay
52. Facebook