ENIAC (electronic Numerical Integrator and Computer)

* Contract started June 5, 1943
* Produced to calculate artillery firing tables for US Army’s Ballistic Research Laboratory
* Press names it “Giant Brain”
* In development, names super-secret “Project PX”
* Cost approx. $500,000 ($6,000,000 today)
* Conceived and designed by John Mauchly and J. Presper Eckert from the University of Penn.
* City of Philadelphia declared February 15th “The ENIAC Day” on the 65th anniversary in 2011
* Weighed more than 30 tons, roughly 8 X 3 X 100 ft; took up 1800 square feet and consumed 150 kW
* Capable of around 5,000 simple addition/subtraction problems a second
* Used special multiplier unit to perform around 385 multiplication problems per second
* Used Divider/Square-Rooter to perform around 40 division problems per second, or 3 square root problems per second
* First hydrogen bomb statistics were ran on the ENIAC, which produced 1 million cards
* Shut down on October 2, 1955