lec 3

ENIAC - Background

Electronic Numerical Integrator and Computer Started 1943 by John Presper & John Marchly Finished 1946 Used 1955

ENIAC's Contribution & Vignificance

Connect specific inputs to outputs with hardwired cables; diff 4 each problem 2 be salved

las (Von Neuman Turing) Machine:
Stored momory concept Meun memory ctoring programs and data ALL operating on binary data Structure of von Neumann machine
(M) Rentral Processing Unit (CPU) Arithmetic logic Unit > 1/0 Equipmed (M) Program (outsel unit (CO)
The Control Unit (lits machine) operates the machine by tetching instructions um memory and execution, them one of a time
An accumulator 1s a register in which intermed, arithmetic and logic results & stored (Multiplier quotient) register temporary stores

roguter whose content can be transferred Commercial computers
1947 - Eckert Mauchly Computer corporation
More memory Purched - card processing equipment 18M! 1st cotored program computer did scientific calculations used & Bls applications Transutas Replaced vacuum Luber Smaller Cheaper Less heat dissipation Solid state device Made for Silicon Invented 1947 at bell Labs William Shockley et al