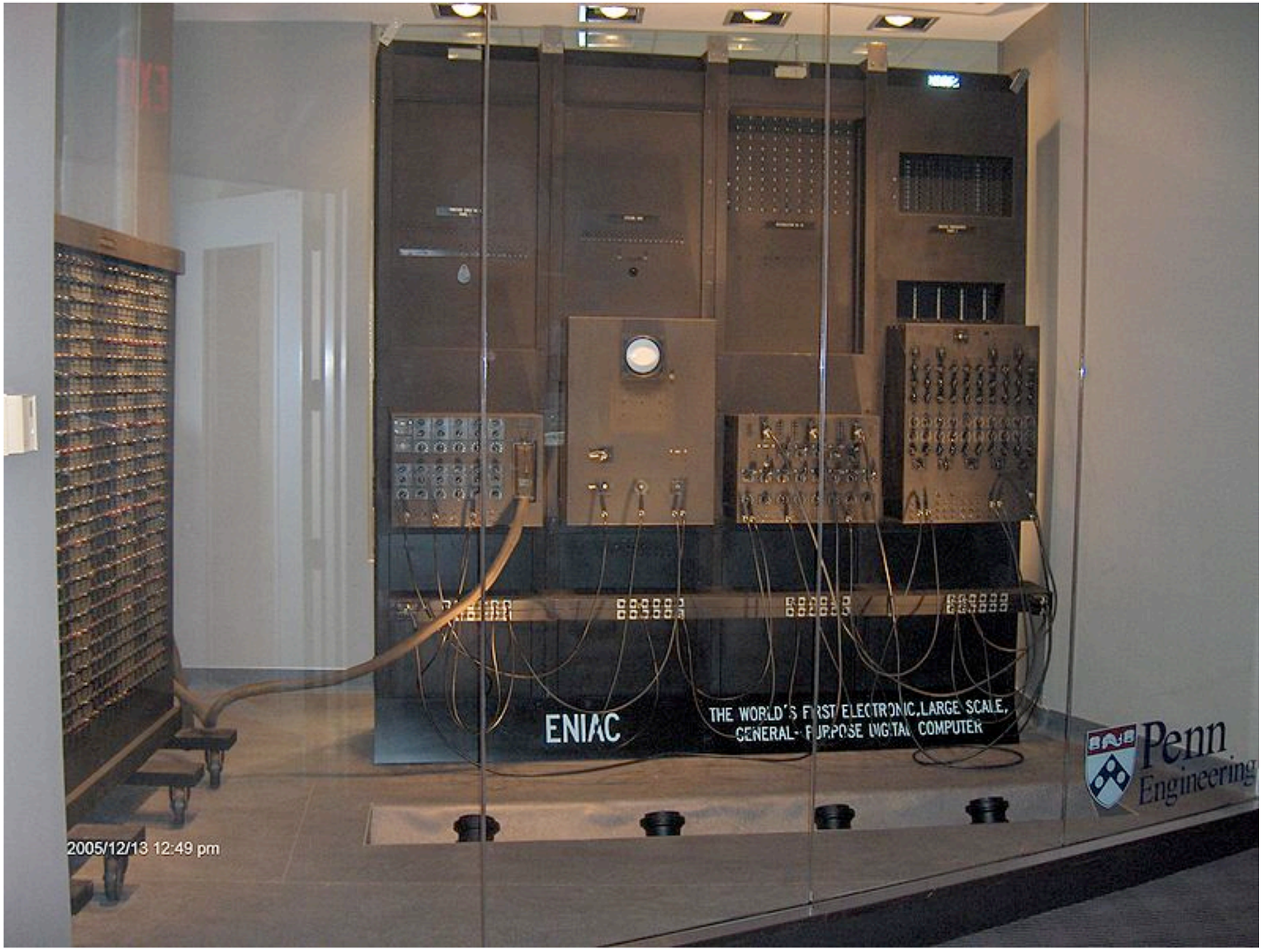
How do architects do what they do?

What challenges face computer architectures today?


ENIAC
THE WORLD'S FIRST ELECTRONIC, LARGE SCALE,
GENERAL-PURPOSE DIGITAL COMPUTER
Penn
Engineering
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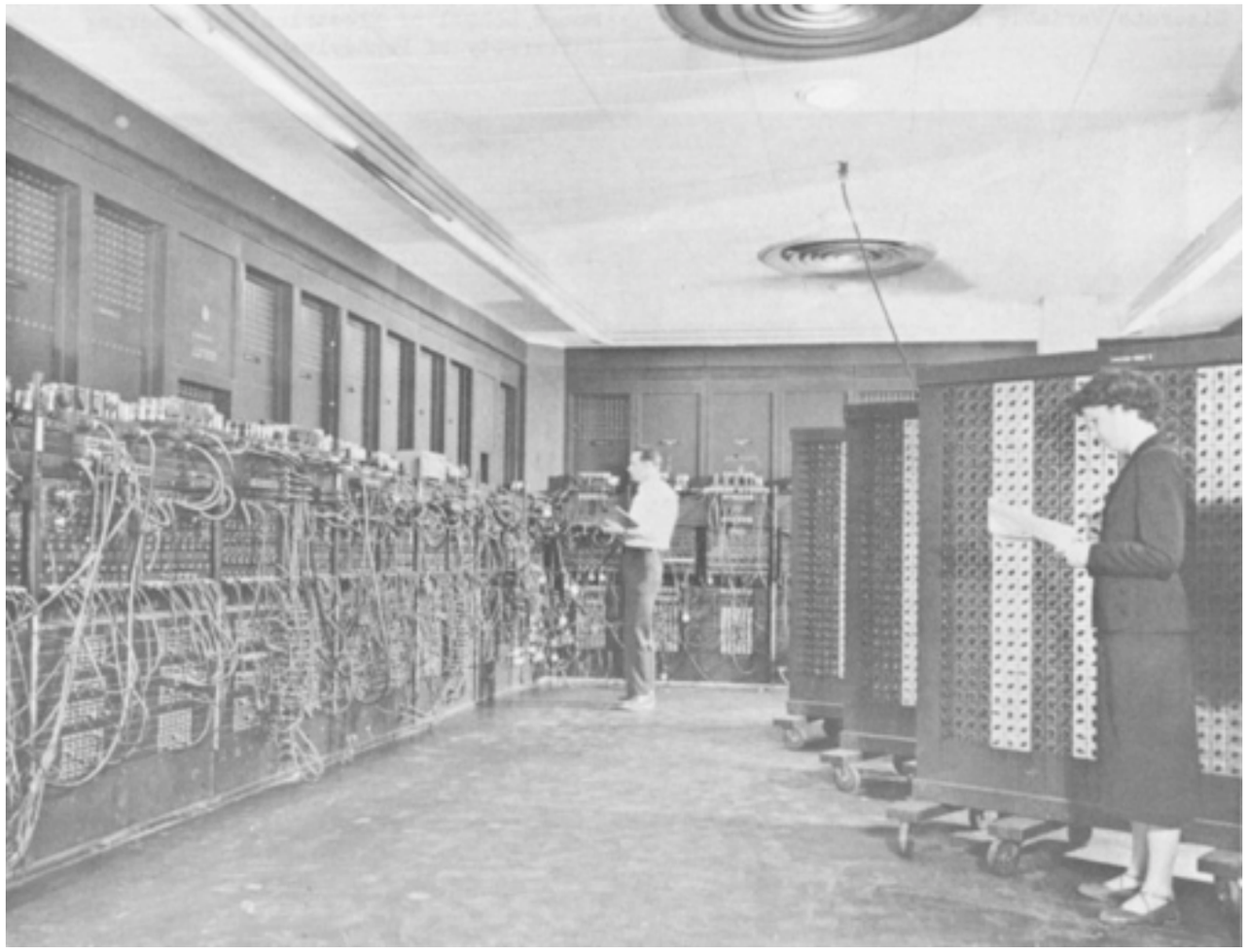

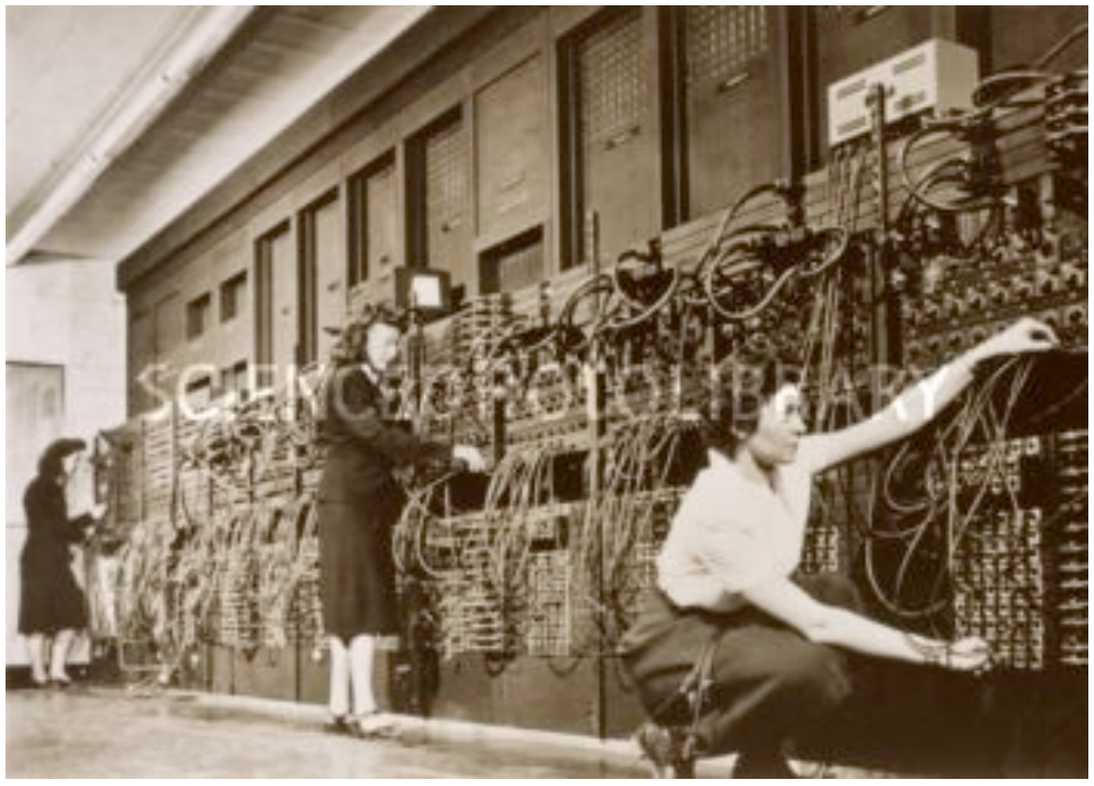

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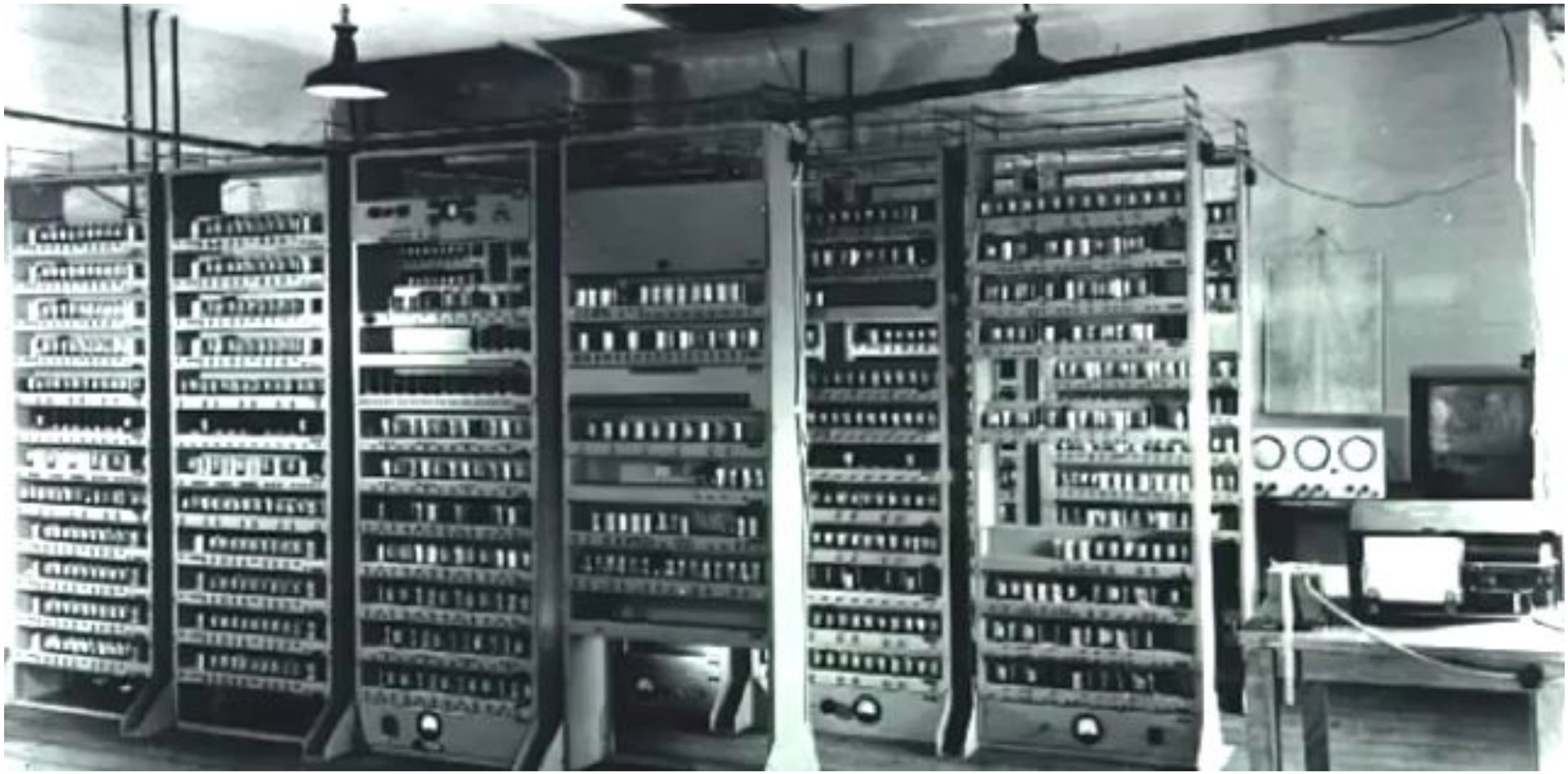

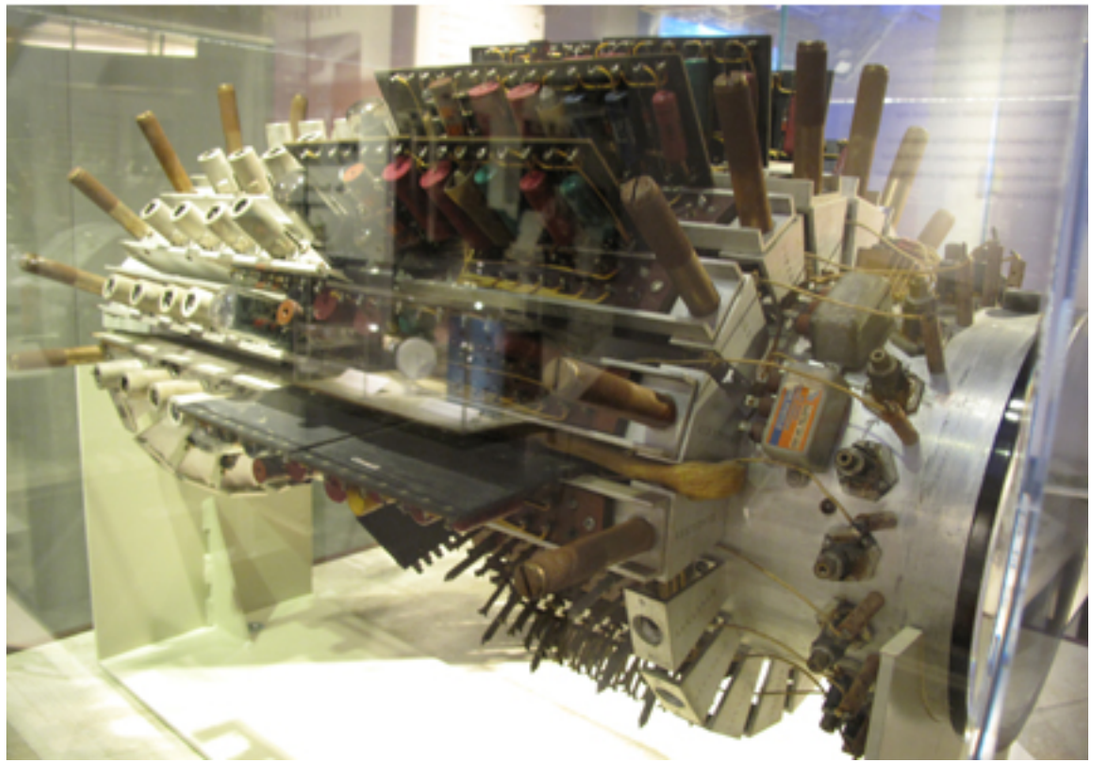

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What is the VN Model?

- Program counter
  - Sequential execution
  - Instruction set
  - Programs were stored in memory, either the same as the data or different
  - Separate components for control and arithmetic, memory