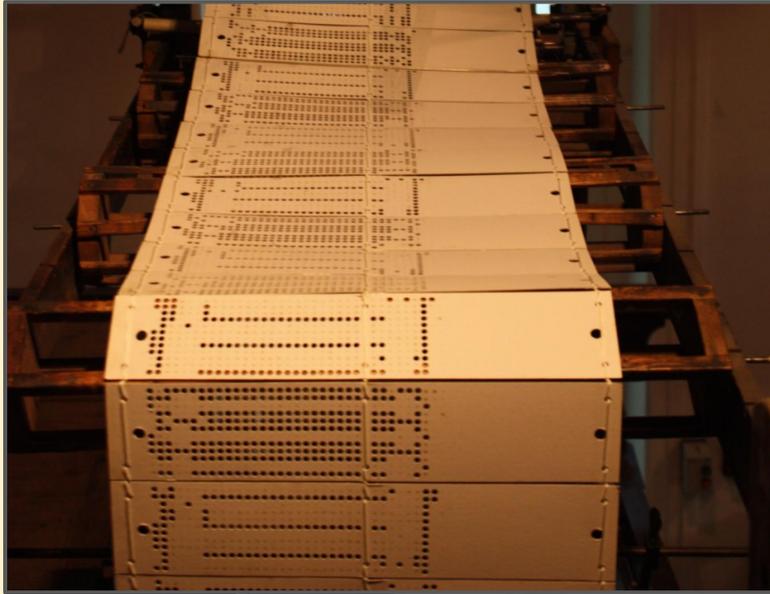


Jacquard Loom - 1804. Used punched cards



Jacquard Loom

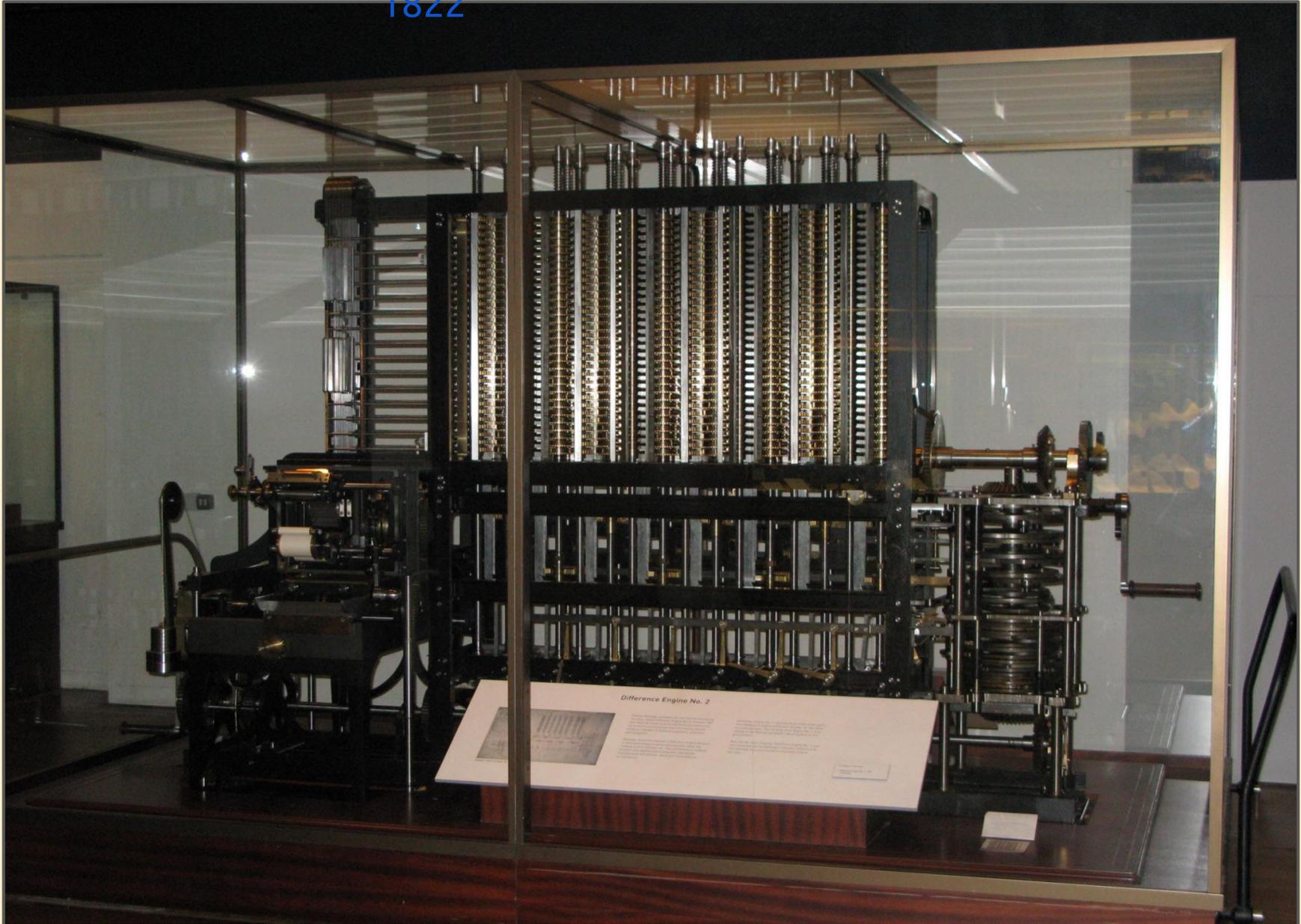
A card either has a hole or not in each spot.

These are just like 1s and 0s in binary.

Modern JPG images are stored on computers in exactly the same way that instructions were stored on cards for Jacquard looms



Difference Engine - designed by Charles Babbage in 1822

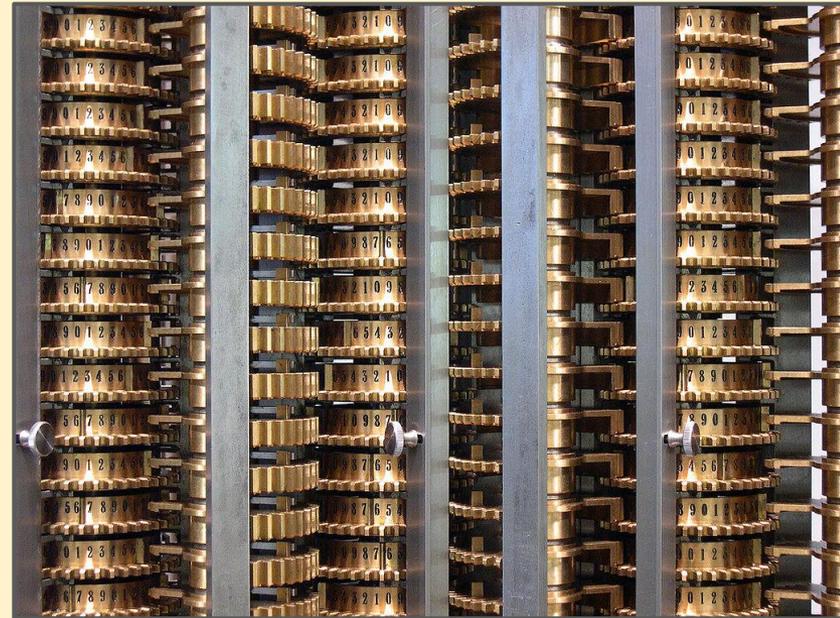


Difference Engine

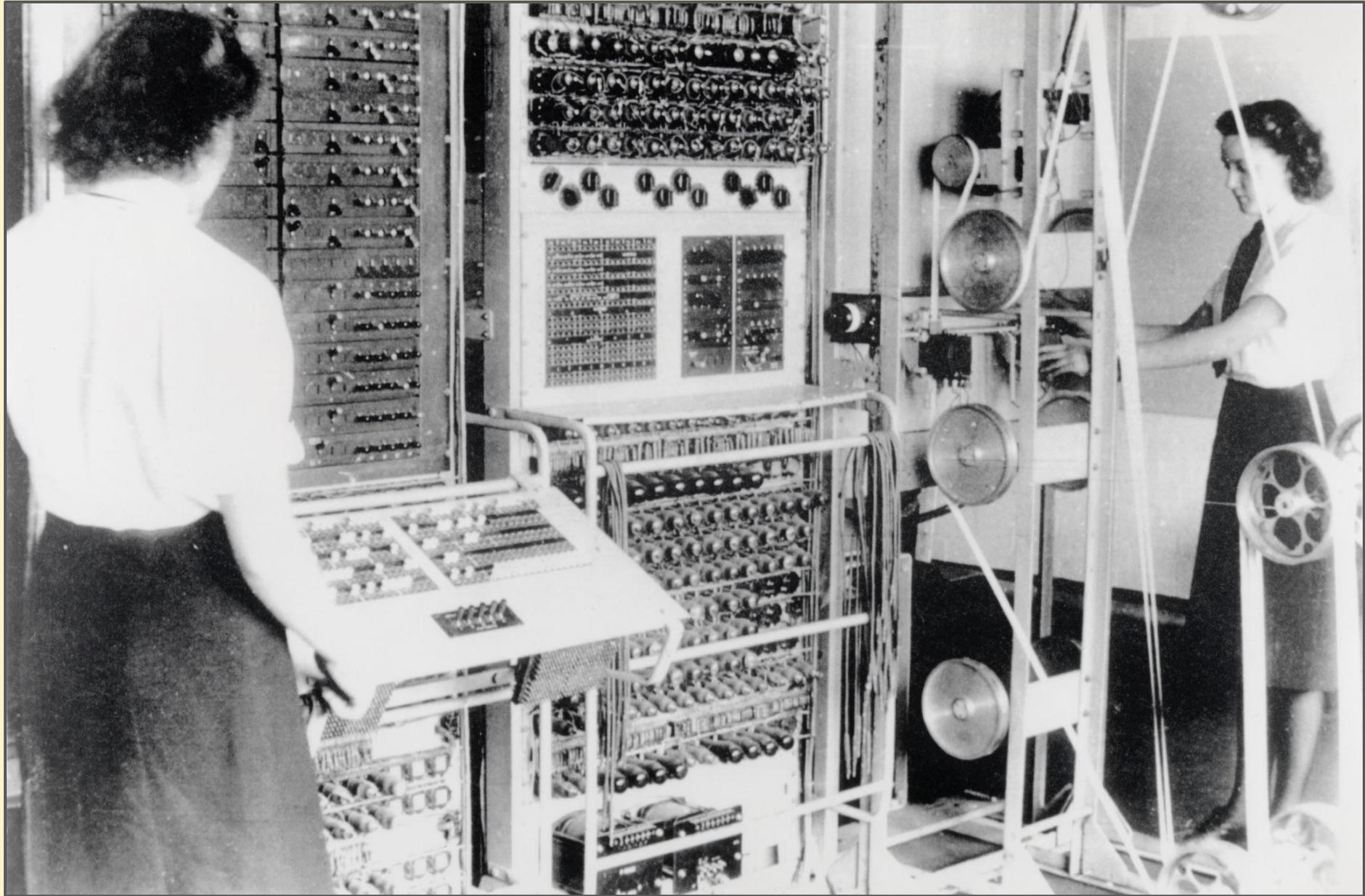
Designed in 1822 to do calculations.

Only a small one was ever made - and that was powered by a handle turned by hand.

The Analytical Engine was the design for a machine more like a computer that Babbage and Lovelace developed. It was never built.



Colossus - 1943. Used for code breaking.



Colossus

Built in 1943 to a design by Tommy Flowers.

Flowers was influenced by Alan Turing's way of trying to crack codes.

Used to break German codes during World War II - shortening the war and saving lots of lives

