

Parents: 27 Oct 2014
 print out for \$3 N.Z. value

Computers!

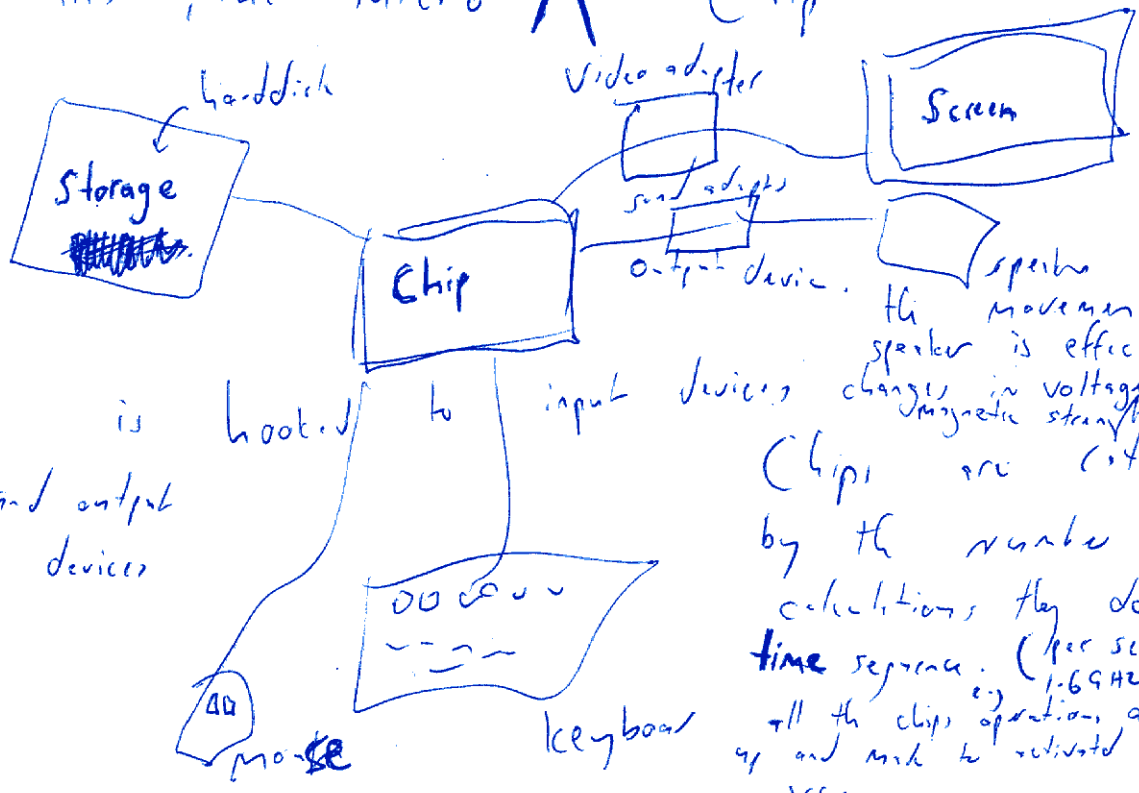
"Digital" is a confusing word

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ANDASDAND!

first, the (small) integrated Chip

Changes in Voltage (quantity of electrons) causes changes in colour on the screen



is hooked to input devices and output devices

the movement of the speaker is effected by changes in voltage which chips magnetic strength
 Chips are cooled by the number of calculations they do in time sequence. (per second, min)
 $1.6 \text{ GHz} = 1600,000,000$ per sec.
 all the chips operations are 5-nm or smaller and made to activate on the screen.

Basically, pushing buttons on the keyboard & mouse causes electrons to be added or removed from the chip & then storage ~~from~~ ^{space} which goes on to cause changes on the screen and speaker.
 Computer programmes are large sequences of electron on and electron off sequences.

Sound/Music & pictures are also large sequences of electron on and off sequences.

So some computers are faster & slower than others, yet all work the same way

A lot of these processes are what's happening in the brain.