Physical Computing Weblog 🦔

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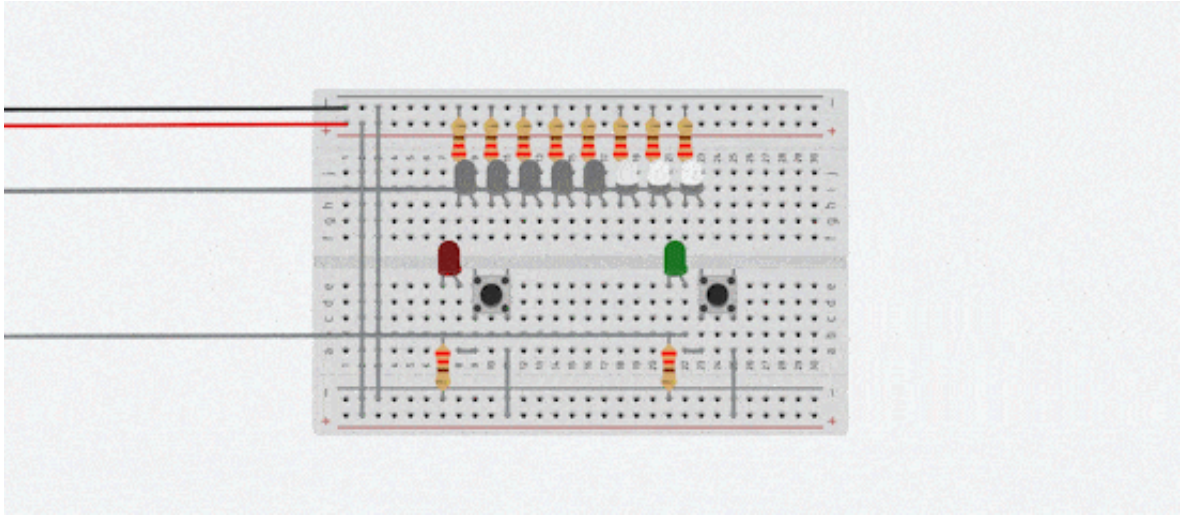
Full Project Blog

Week_01: An Imagined Future Interface Using only Buttons and LEDs

Sentient

A simulation of the evolving personality inside an AI.

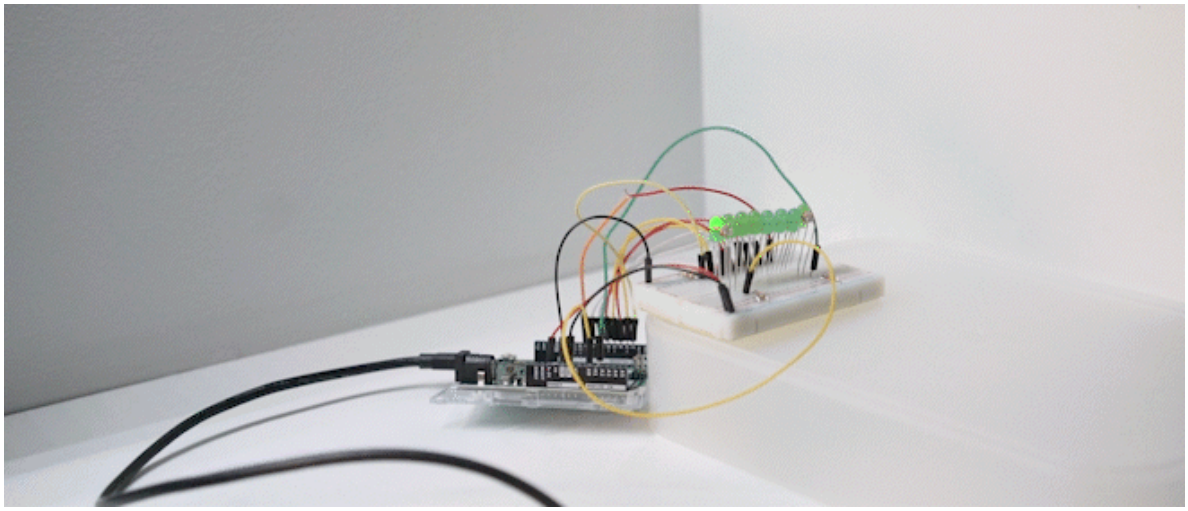
Link to the full documentation / codes >>



Week_03: A Feedback System that Eventually Find its Equilibrium

Sentient (Reimagined)

An evolving LED sequence with photoresistor that feedback on itself, constantly updating the moving speed and gradually reach an equilibrium. This is an extension to the week 1 creative lab: Sentient.
Link to the full documentation / codes >>



Week_08: Analog Synth!!

Analog Synth with a Lowpass Filter and LFO

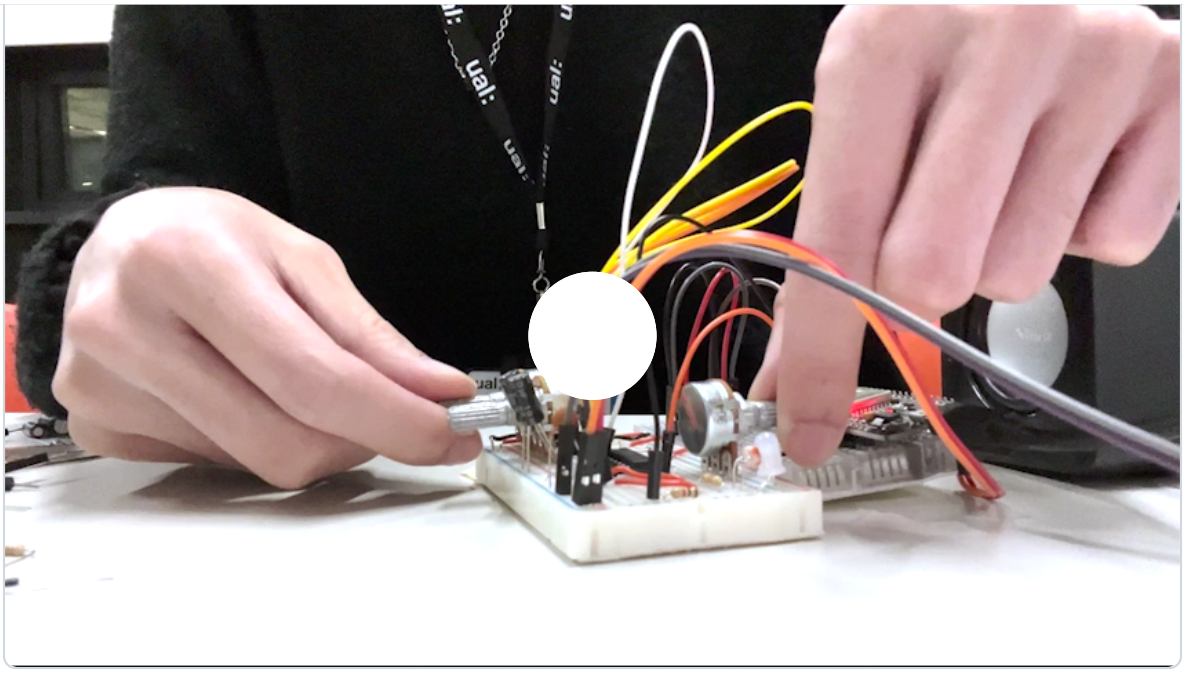
I made an analog synthesiser with three knobs:

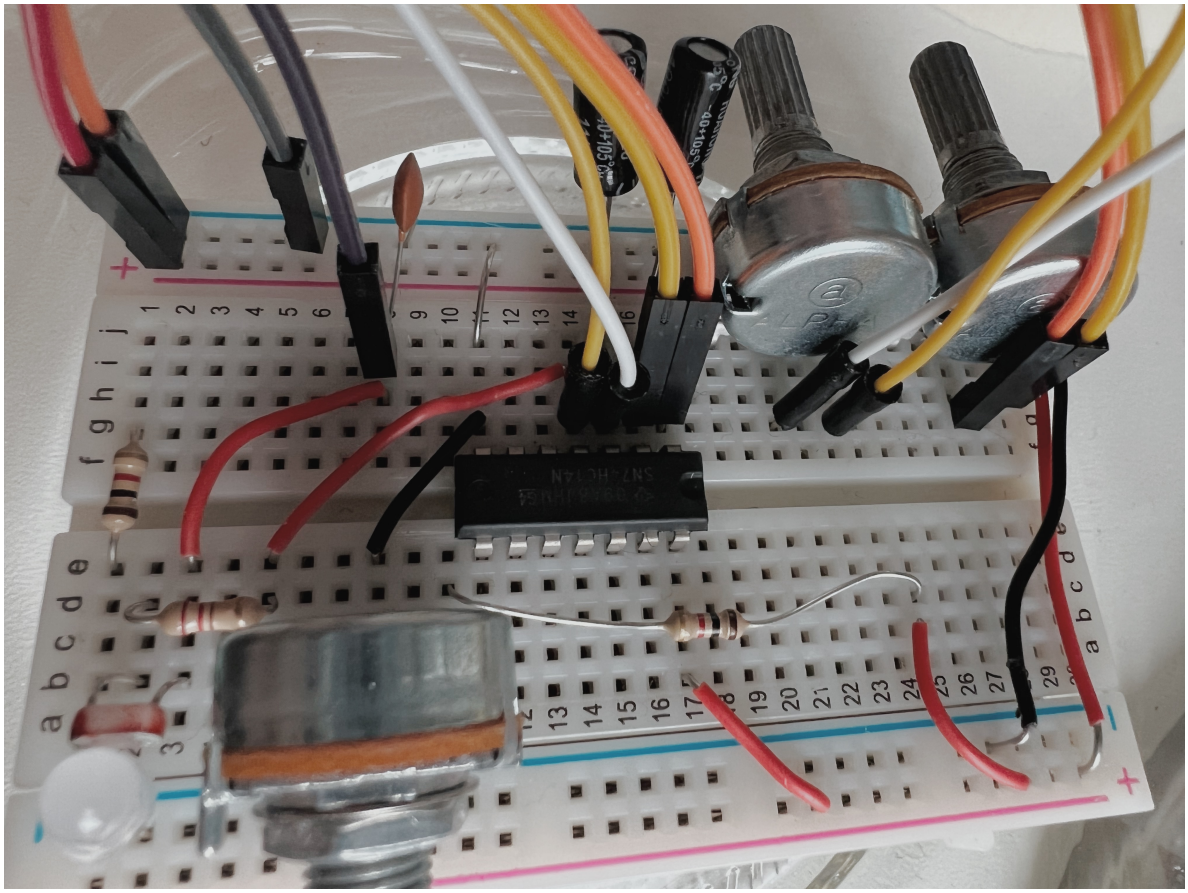
- The first one control the pitch of the oscillator.
- The second one fine tune the pitch of the oscillator in a smaller range.
- The third one controls the **LFO rate** of an **lowpass filter**.

Link to the full documentation / codes / schematic >>

Video 1

IMG_1378.mp4

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