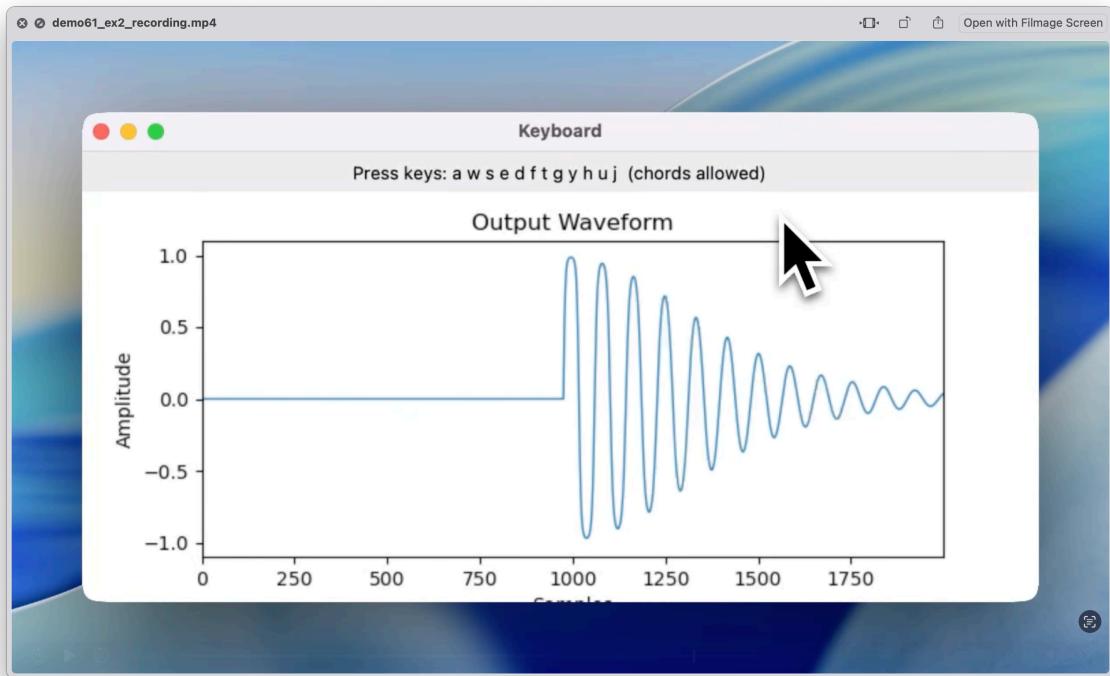


DSP Lab Demo 61 Ex 2



Features

- maps 12 keyboard keys (a w s e d f t g y h u j) to one octave using

$$f_k = 2^{k/12} f_0 \text{ with } f_0 = 440 \text{ Hz}$$

- implements one 2nd-order resonator (difference equation) per note, each with its own state,
- lets notes overlap to play chords,
- shows a live waveform in the window while audio plays.