

Prompt	Compilation Rate	Sanitized Rate
<pre>// synth with filter import("stdfaust.lib"); freq = hslider("freq", 440, 20, 20000, 0.01); gain = hslider("gain", 0.5, 0, 1, 0.01); gate = button("gate"); cutoff = hslider("cutoff", 100, 50, 10000, 0.01); envelope = gain*gate : si.smoo; process = os.osc(freq)*envelope: ?? *gain;</pre>	75.00%	69.44%
<pre>// oscillator in a stereo output ??</pre>	67.31%	88.46%
<pre>// A simple oscillator with a lowpass filter ?? process = ??</pre>	66.67%	75.56%
<pre>// synth with Moog Ladder filter import("stdfaust.lib"); freq = hslider("freq", 440, 20, 20000, 0.01); gain = hslider("gain", 0.5, 0, 1, 0.01); gate = button("gate"); cutoff = hslider("cutoff", 100, 50, 10000, 0.01); envelope = gain*gate : si.smoo; process = os.osc(freq)*envelope: ?? *gain;</pre>	59.62%	53.85%
<pre>// write an oscillator ??</pre>	55.00%	81.67%
<pre>// write a panner with a sqrt law ??</pre>	55.00%	60.00%
<pre>// write a sawtooth oscillator ??</pre>	46.67%	61.67%
<pre>// write a filtered noise going in a stereo output ??</pre>	44.44%	50.00%
<pre>// write a filtered noise going in a 4 channels output ??</pre>	38.89%	52.78%
<pre>// write a noise going in a reverb ??</pre>	36.11%	61.11%

Table 2: Top 10 prompts with unsanitized output by compilation rate

Prompt	Compilation Rate	Sanitized Rate
<i>// a compressor with saturation controls</i> ??	0.00%	11.54%
<i>// reverb effect to the input signal with</i> <i>// adjustable decay time and room size parameters</i> ??	0.00%	5.00%
<i>// a phaser effect to the input signal with</i> <i>// adjustable frequency and depth parameters.</i> ??	0.00%	13.89%
<i>// pitch shifter effect by changing the</i> <i>// playback rate of the input signal.</i> ??	0.00%	22.22%
<i>// a tremolo effect using a volume</i> <i>//modulation source.</i> ??	0.00%	15.38%
<i>// make a kick drum using an envelope and</i> <i>//highly resonant low pass filter</i> ??	0.00%	11.11%
<i>// a program that creates a flanging effect</i> <i>// using a comb filter and a delay line.</i> ??	0.00%	17.31%
<i>// This program implements a simple sawtooth</i> <i>// oscillator with adjustable frequency</i> <i>// and amplitude parameters.</i> ??	0.00%	55.56%
osc = ??	0.00%	88.89%
<i>// a stereo delay effect with adjustable</i> <i>// delay time and feedback parameters.</i> ??	0.00%	17.31%

Table 3: Examples of code which never compiles. Note the prompts have been modified to fit the provided table. Any `<tab>\` should be considered a continuation of the previous line.