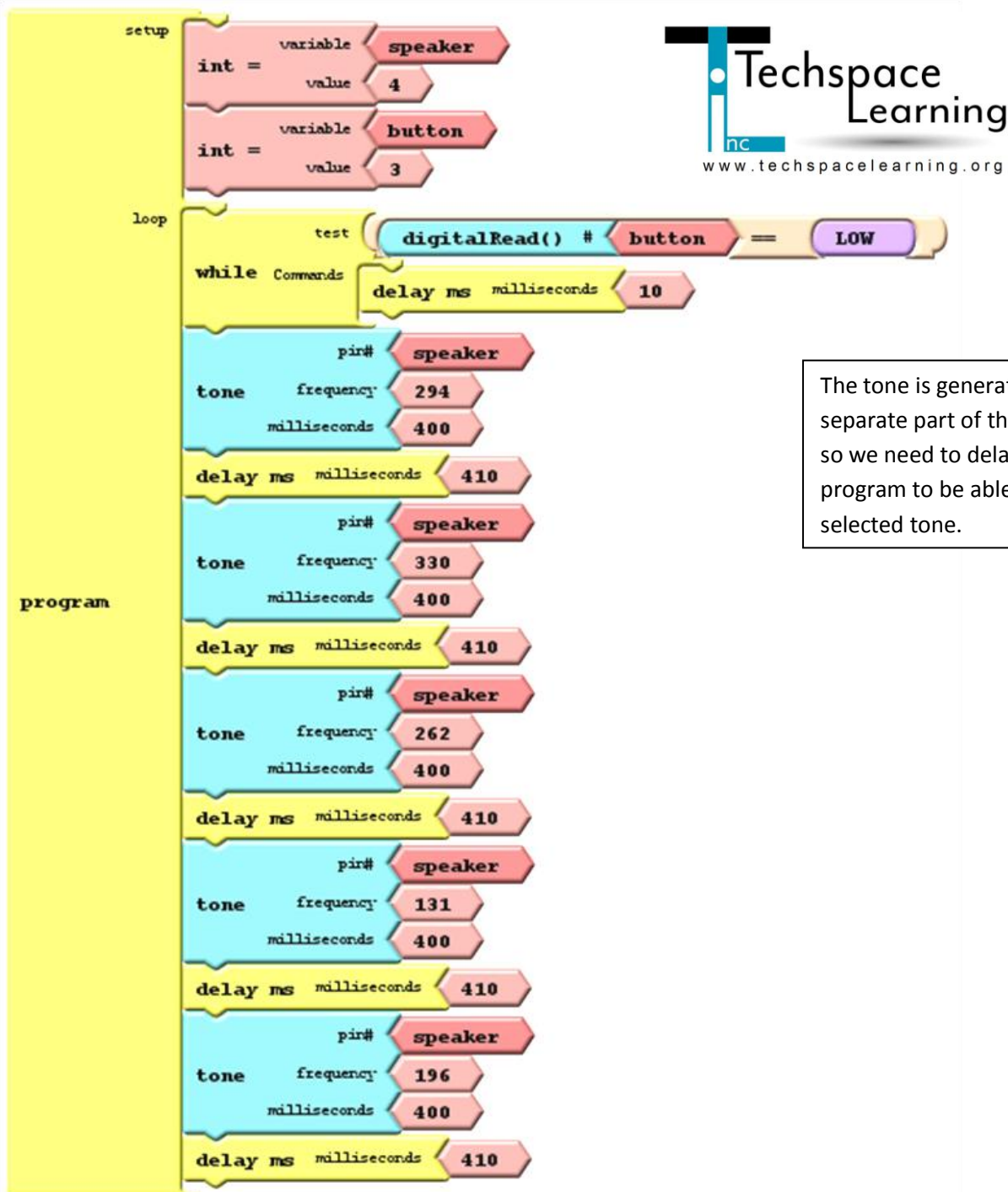


The Arduino can turn things on and off very fast, so it is capable of producing a square wave in the audible frequency range (approx 20hz - 20 khz). The square wave can be sent to a speaker to produce tones. It is not recommended to run square waves to sound equipment at high levels or for long periods of time as it can damage equipment.



The tone is generated by a separate part of the Arduino, so we need to delay the main program to be able to hear the selected tone.