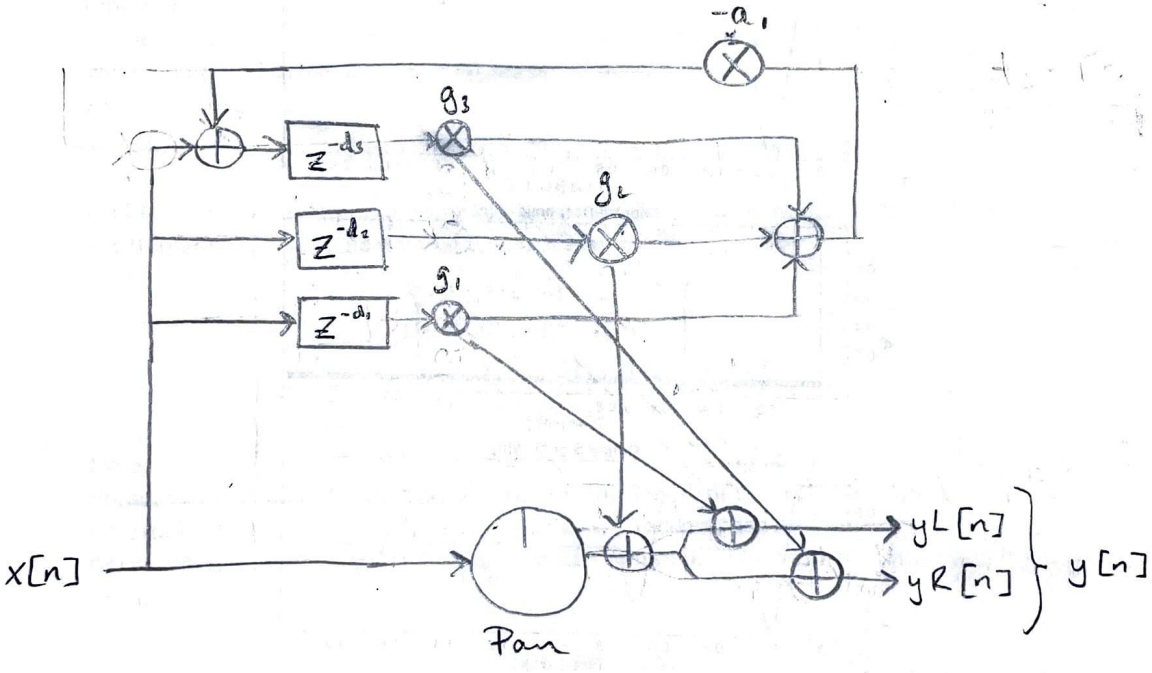
- Use the space below to draw a block diagram of the effect to visualize what signals are combined for the left and right channels
- You should create additional variables representing the delayed signal in the left channel and right channel
- Use square-law panning functions when determining the amplitude of the various signals in the left and right channels
- The loop should create an output signal twice the length of the input signal, allowing for the tail of the echoes to decay

Use the provided test script, **pingpongTest.m**, and sound files, **click60.wav** and **click89**, to test your function. You should change some of the values in the test script to verify your function works properly. Remember to add comments to your code to explain what each command is accomplishing.

Use the following space for drawing the block diagram:



2 TIME-DOMAIN CONVOLUTION

Convolution is the mathematical operation of processing a signal going through a system represented by an impulse response. Essentially, each input sample, $x[n]$, is independently sent though the system, $h[m]$, to contribute to the output signal, $y[n]$, at different times. Therefore, the output signal is created by summing together a sequence of impulse responses due