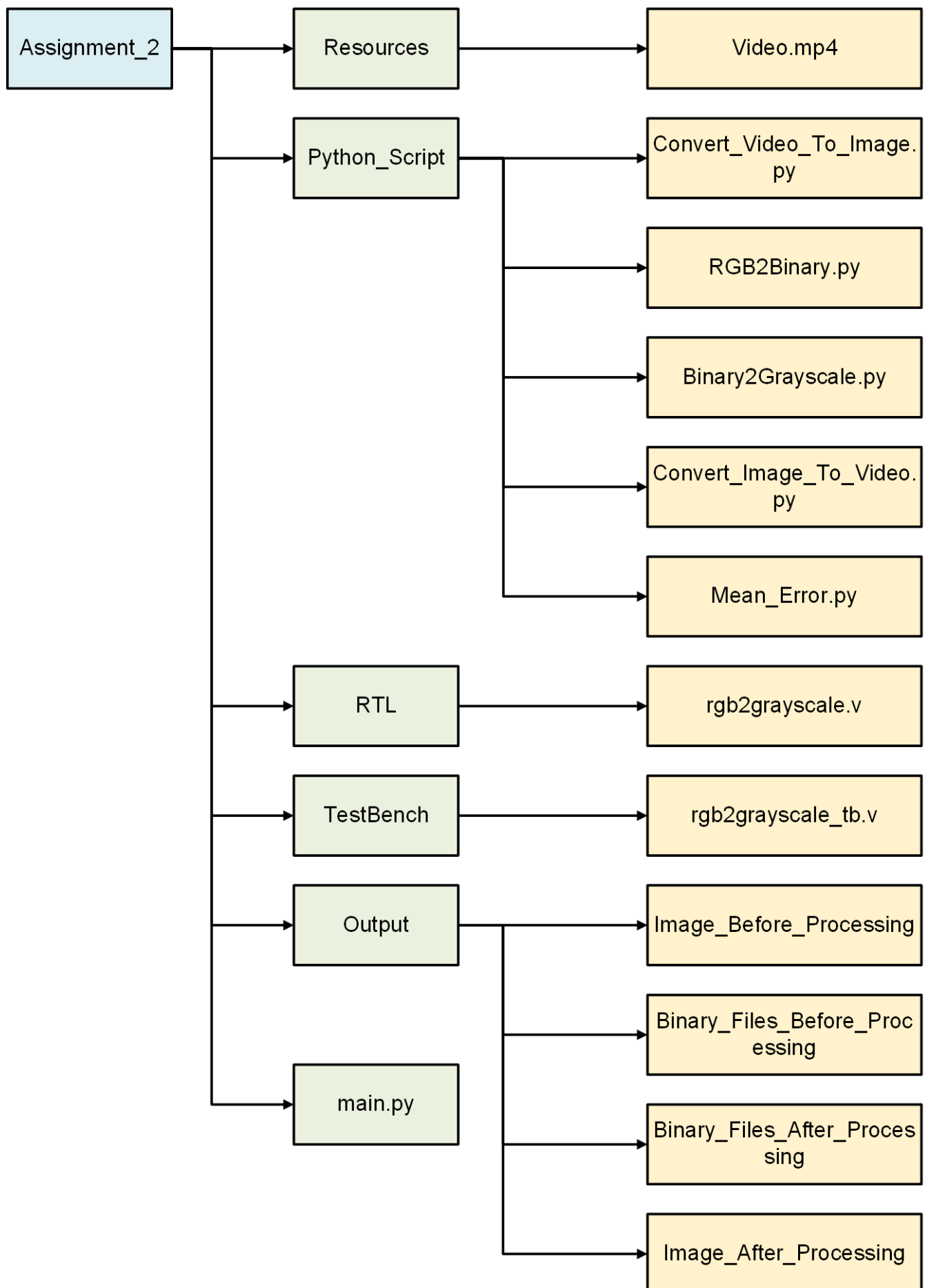
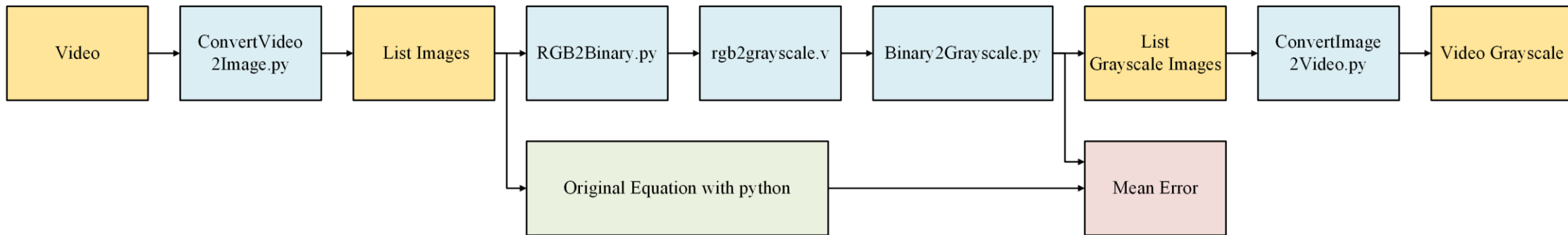


Assignment 2

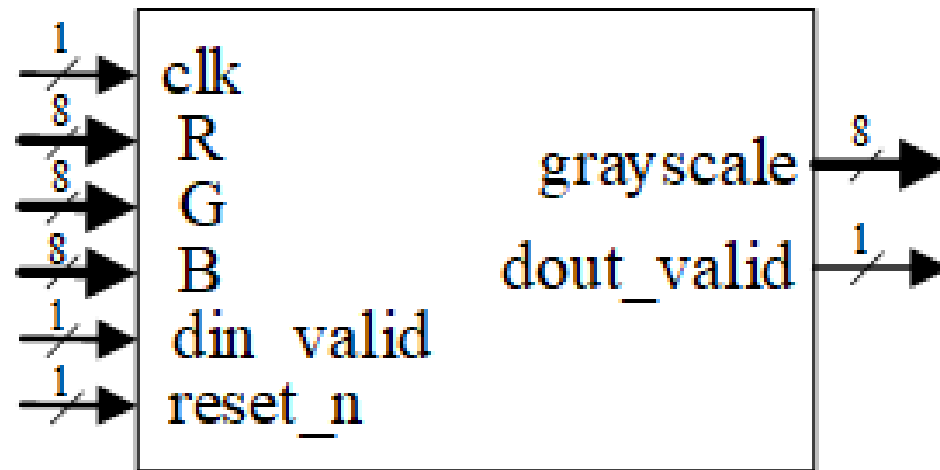
Directory Structure as Tree



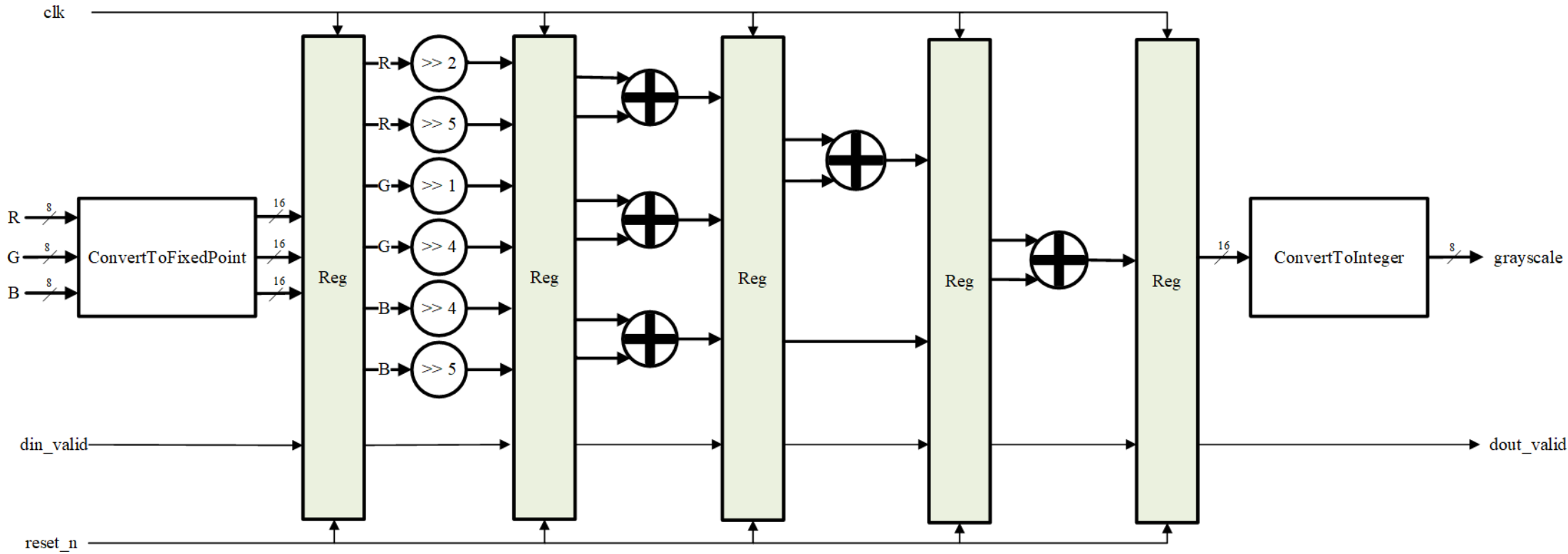
Block Diagram



rgb2grayscale



Datapath Pipeline



Resource	Utilization	Available	Util%
LUT	68	53200	0.13
LUTRAM	1	17400	0.01
FF	94	106400	0.09
IO	36	200	18.00