

ECE260B-W20 Lab 2. Synthesis

A530XXXXX Delvin Huynh (XXXXX@ucsd.edu)

Directory: /home/linux/ieng6/ee260bwi20/<username>/lab2 (Your simulation directory. Note: Do NOT delete log files after simulation)

Follow strictly with the tables, you can write your explanation and other answers below the table for each assignment.

Assignment 1

Total cell area	
Total dynamic power	
Cell leakage power	
The worst slack	

Assignment 2

	bc	tc	wc
P			
V			
T			
X8 FO4 delay (avg. of rise & fall)			

Assignment 3

	tc	bc
Total cell area		
Total dynamic power		
Cell leakage power		
The worst slack		

Assignment 4

Assignment 5

	Hierarchical	Flatten
Total cell area		
Total dynamic power		
Cell leakage power		
The worst slack		

Assignment 6

	Physical-aware	Non-Physical aware
Total cell area		
Total dynamic power		
Cell leakage power		
The worst slack		