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ECE 6470

Lab 4

1

Total wire-length and via of global route results.

I found two heading with the name "Complete Global Routing", here is the data from the first:

```
Total wire length = 76704 um.  
Total number of vias = 29426
```

And the data from the second:

```
Total wire length = 85795 um.  
Total number of vias = 36765
```

2

Total wire-length and via of detailed route results.

Again, there were two "Complete Global Routing" headings, here is the data from the first for the detailed routing

```
Total wire length = 76046 um.  
Total number of vias = 29426
```

And the second:

```
Total wire length = 85843 um.  
Total number of vias = 36765
```

3

Slack.

Setup mode	all	reg2reg	default
WNS (ns):	-0.773	0.190	-0.773

Setup mode	all	reg2reg	default
TNS (ns):	-842.246	0.000	-842.246

4

Snapshot of the routed map.

