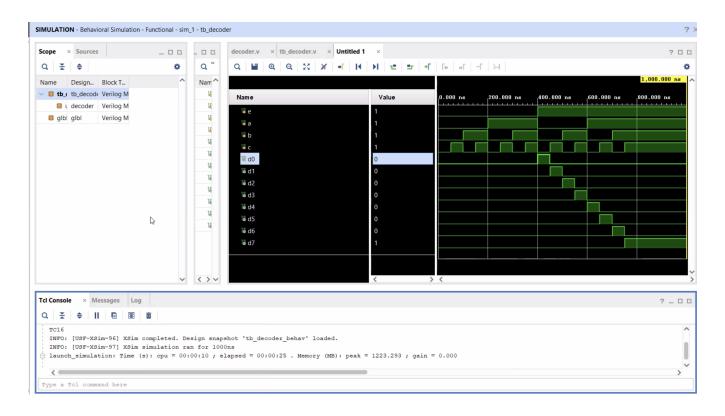
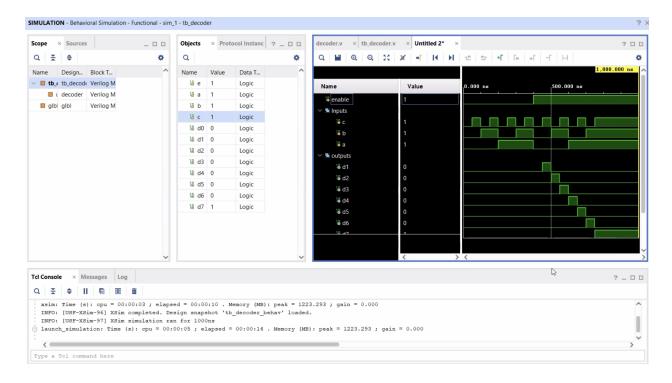
EE316 Digital Logic Design Department of Electrical and Computer Engineering University of Texas at Austin Laboratory #2

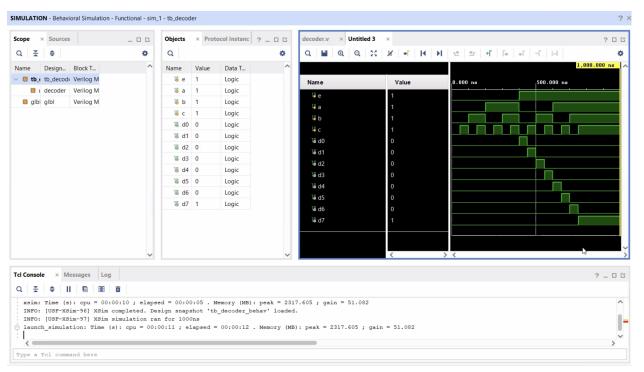
EE 316

Connie Wang (cw39276) Harshika Jha (hj6963)

Lab 2





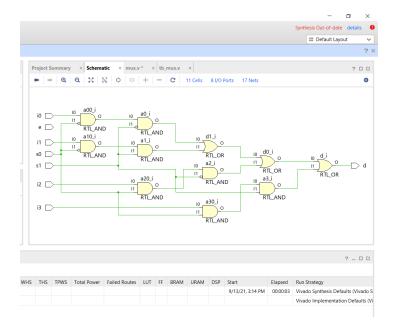


Part b)

S1	S2	F
О	О	io
О	1	i1
1	О	i2
1	1	із

D = so's1'a0+so's1a1+s0s1a2+s0s1a3

structural

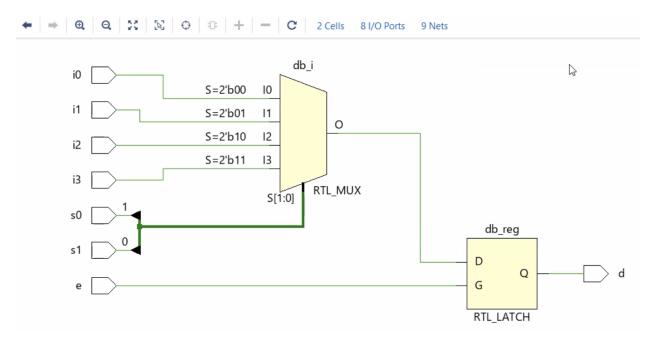


Structural code:

```
not (notso, so);
not (nots1, s1);
```

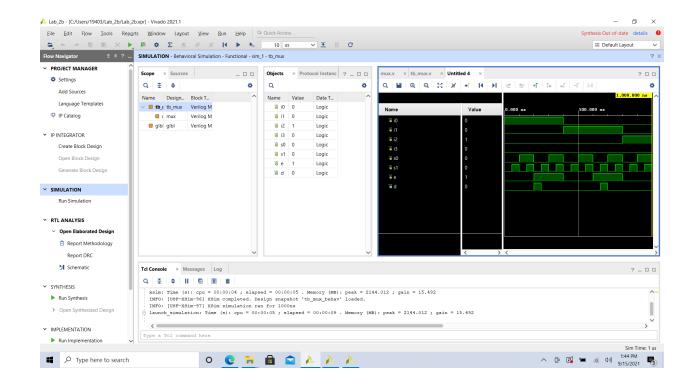
```
and (ao, io, notso, nots1, e);
and (a1, i1, notso, s1, e);
and (a2, i2, s0, nots1, e);
and (a3, i3, s0, s1, e);
```

Behavioral



Behavioral Code

Structural



Behavioral

