```
    Check the runtime of your programs. They should have
    output like the following.

    For the decoder2x4.v:
    Time      s1          s0          o0        o1        o2        o3
    ---------------------------------------------------------
    0         0           0           1         0         0         0
    1         0           1           0         1         0         0
    2         1           0           0         0         1         0
    3         1           1           0         0         0         1

    and for the mux4x1.v:
    Time s1 s0 d0 d1 d2 d3  o
    ------------------------
      0   0  0  0  0  0  0  0
      1   0  0  0  0  0  1  0
      2   0  0  0  0  1  0  0
      3   0  0  0  0  1  1  0
      4   0  0  0  1  0  0  0
      5   0  0  0  1  0  1  0
      6   0  0  0  1  1  0  0
      7   0  0  0  1  1  1  0
      8   0  0  1  0  0  0  1
      9   0  0  1  0  0  1  1
     10   0  0  1  0  1  0  1
     11   0  0  1  0  1  1  1
     12   0  0  1  1  0  0  1
     13   0  0  1  1  0  1  1
     14   0  0  1  1  1  0  1
     15   0  0  1  1  1  1  1
     16   0  1  0  0  0  0  0
     17   0  1  0  0  0  1  0
     18   0  1  0  0  1  0  0
     19   0  1  0  0  1  1  0
     20   0  1  0  1  0  0  1
     21   0  1  0  1  0  1  1
     22   0  1  0  1  1  0  1
     23   0  1  0  1  1  1  1
     24   0  1  1  0  0  0  0
     25   0  1  1  0  0  1  0
     26   0  1  1  0  1  0  0
     27   0  1  1  0  1  1  0
     28   0  1  1  1  0  0  1
     29   0  1  1  1  0  1  1
     30   0  1  1  1  1  0  1
     31   0  1  1  1  1  1  1
     32   1  0  0  0  0  0  0
     33   1  0  0  0  0  1  0
     34   1  0  0  0  1  0  1
     35   1  0  0  0  1  1  1
     36   1  0  0  1  0  0  0
     37   1  0  0  1  0  1  0
     38   1  0  0  1  1  0  1
     39   1  0  0  1  1  1  1
     40   1  0  1  0  0  0  0
     41   1  0  1  0  0  1  0
     42   1  0  1  0  1  0  1
     43   1  0  1  0  1  1  1
     44   1  0  1  1  0  0  0
     45   1  0  1  1  0  1  0
     46   1  0  1  1  1  0  1
     47   1  0  1  1  1  1  1
     48   1  1  0  0  0  0  0
     49   1  1  0  0  0  1  1
```

```
50   1  1  0  0  1  0  0
51   1  1  0  0  1  1  1
52   1  1  0  1  0  0  0
53   1  1  0  1  0  1  1
54   1  1  0  1  1  0  0
55   1  1  0  1  1  1  1
56   1  1  1  0  0  0  0
57   1  1  1  0  0  1  1
58   1  1  1  0  1  0  0
59   1  1  1  0  1  1  1
60   1  1  1  1  0  0  0
61   1  1  1  1  0  1  1
62   1  1  1  1  1  0  0
63   1  1  1  1  1  1  1
```