```
cl
dl
| prd=0000000000000000 [0/0x0]=(0)
| cntl=00000001 [1/0x1]=(1)
| in2=00011100 [28/0x1c]=(28)
| in1=00001100 [12/0xc]=(12)
| acc=0000001010100000 [672/0x2a0]=
| output_valid=0 load=0 clock=0
| time=24000=2400.0ns
| thats 7
cl
dl
| prd=0000000101010000 [336/0x150]=
| cntl=00000000 [0/0x0]=(0)
| in2=00011100 [28/0x1c]=(28)
| in1=00001100 [12/0xc]=(12)
| acc=0000000101010000 [336/0x150]=
| output_valid=1 load=0 clock=0
| time=27000=2700.0ns
| thats 8
| output valid should be high...
|
 quit
```