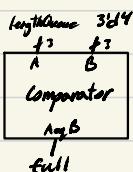
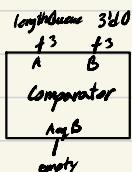
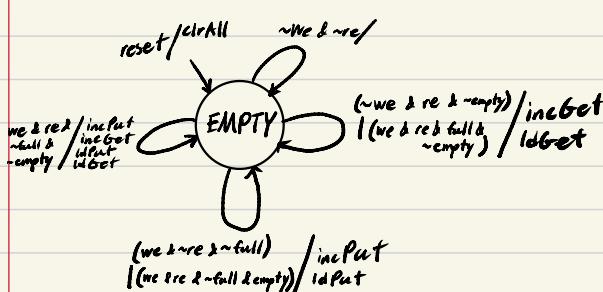
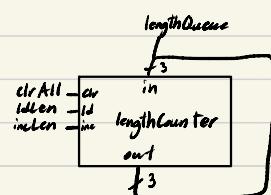
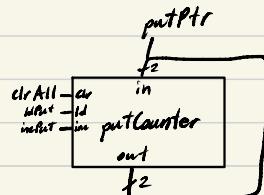
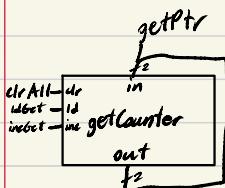
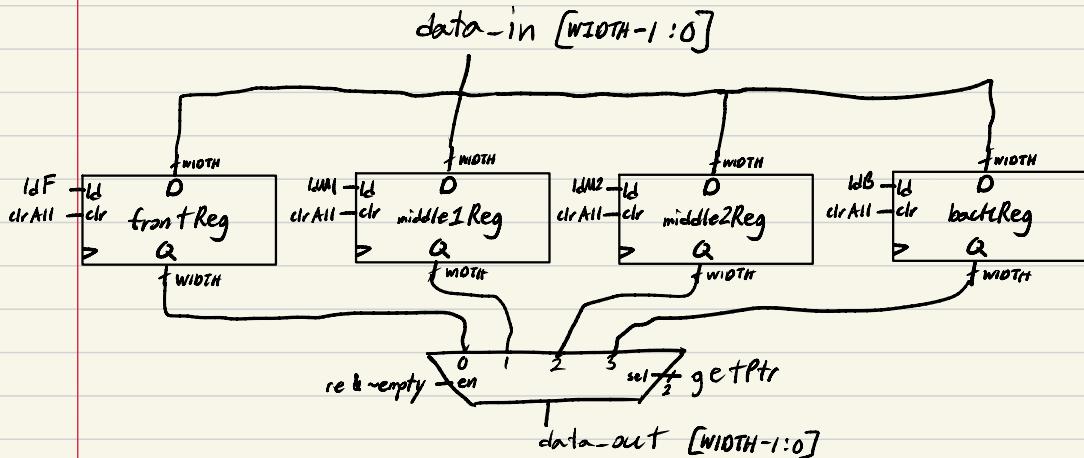
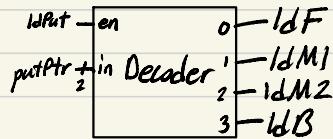


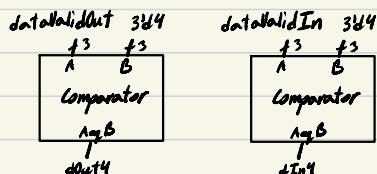
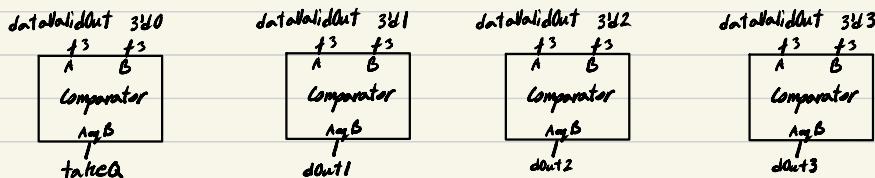
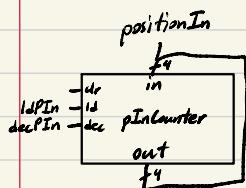
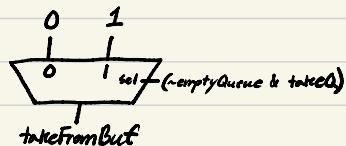
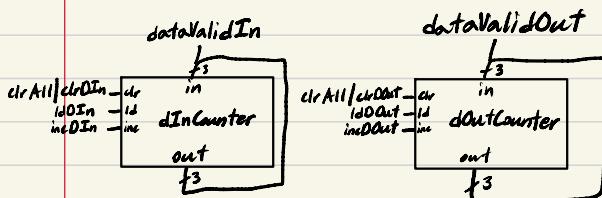
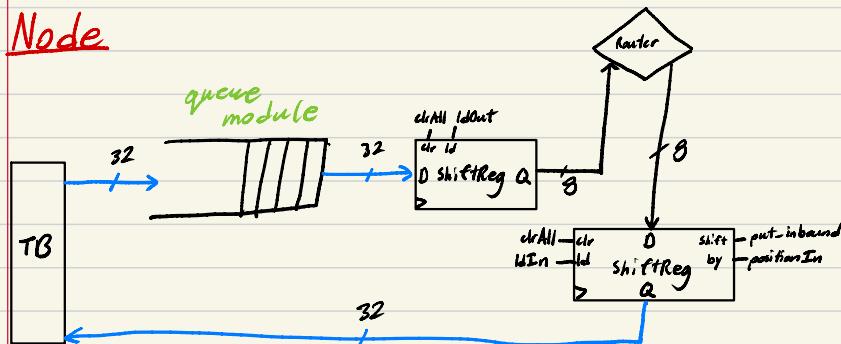
Queue/FIFO

WIDTH = 32

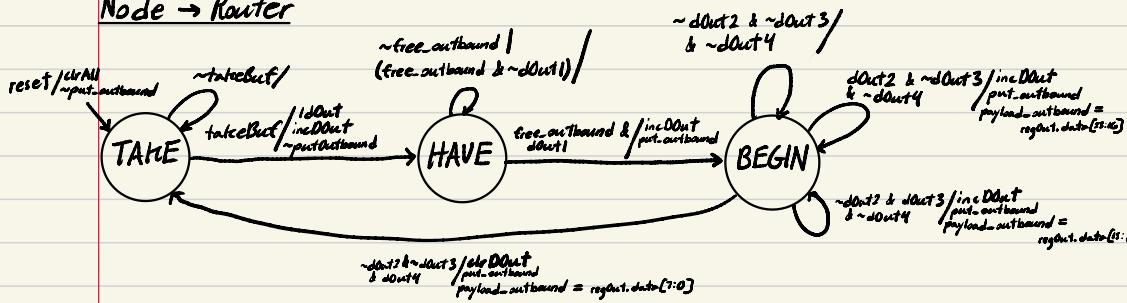
```
logic [3:0][width-1:0] Q;
logic [1:0] getPtr, putPtr;
logic [2:0] lengthQ;
```



Node



Node → Router



Router → TB

