

## In-class Practice 2: Finite Automata

```

graph LR
    S(( )) -- A --> S1(( ))
    S -- B --> S2((( )))
    S1 -- B --> S3((( )))
    S1 -- A --> S2
    S3 -- B --> S4(( ))
    S3 -- A --> S2
    S4 -- A --> S5(( ))
    S4 -- B --> S2
    S5 -- "A, B" --> S5
    style S fill:none,stroke:none
    style S2 fill:none,stroke:none
    style S5 fill:none,stroke:none
  
```

