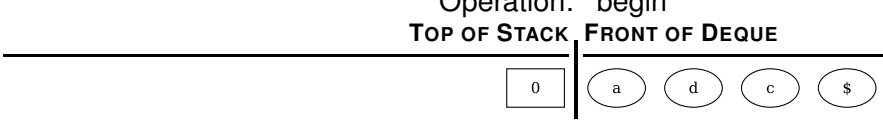
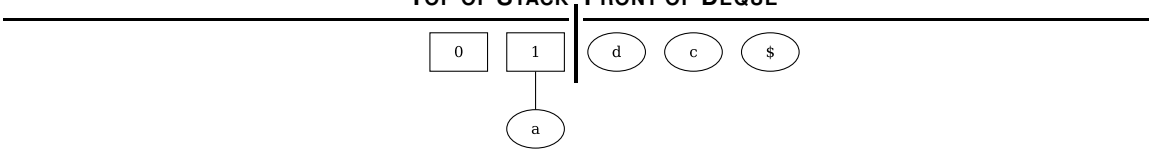
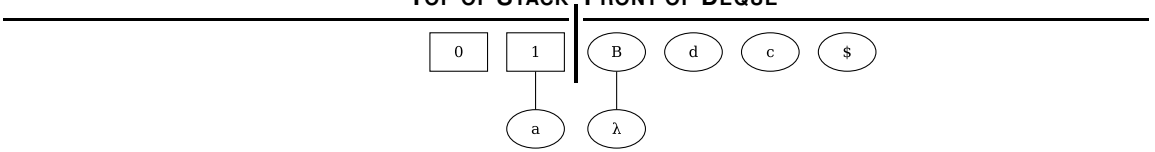
Operation: begin



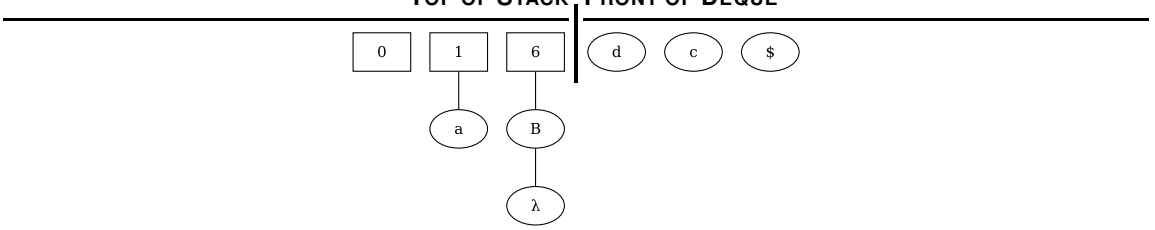
Operation: shift a to stack, goto state 1



Operation: reduce by rule 8 $B \rightarrow \lambda$

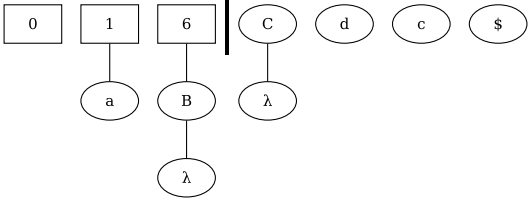


Operation: shift B to stack, goto state 6

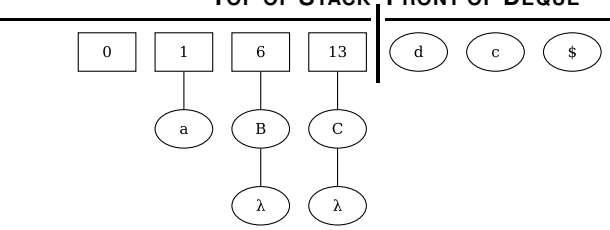


Operation: reduce by rule 4 $C \rightarrow \lambda$

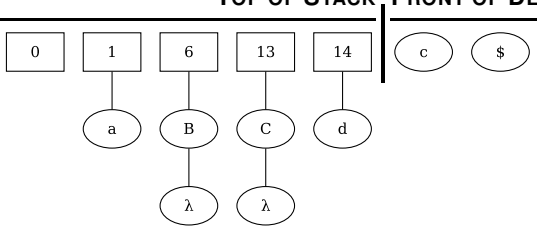
**TOP OF STACK** | **FRONT OF DEQUE**



Operation: shift C to stack, goto state 13

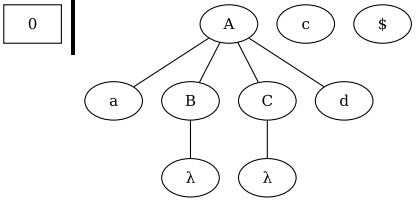


Operation: shift d to stack, goto state 14



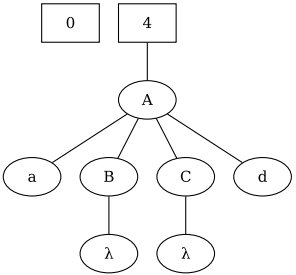
Operation: reduce by rule 5 $A \rightarrow a\,B\,C\,d$

**TOP OF STACK** | **FRONT OF DEQUE**



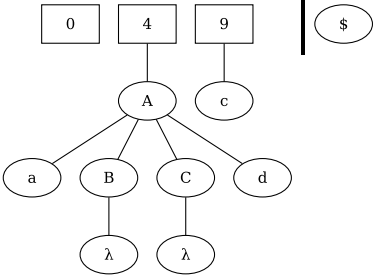
Operation: shift A to stack, goto state 4

**TOP OF STACK** | **FRONT OF DEQUE**



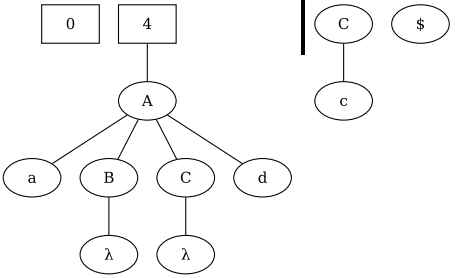

Operation: shift c to stack, goto state 9

**TOP OF STACK** | **FRONT OF DEQUE**



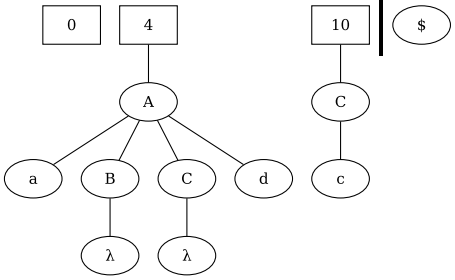
Operation: reduce by rule 3 $C \rightarrow c$

**TOP OF STACK** | **FRONT OF DEQUE**



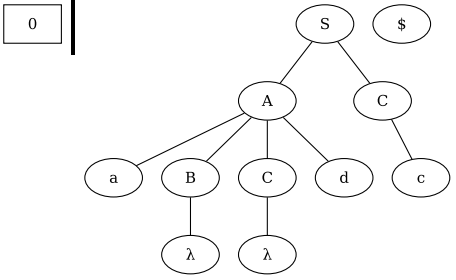
Operation: shift C to stack, goto state 10

**TOP OF STACK** | **FRONT OF DEQUE**



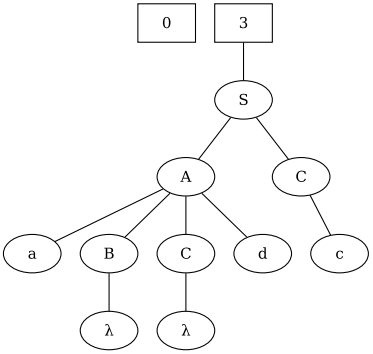
Operation: reduce by rule 2 $S \rightarrow A\,C$

**TOP OF STACK** | **FRONT OF DEQUE**



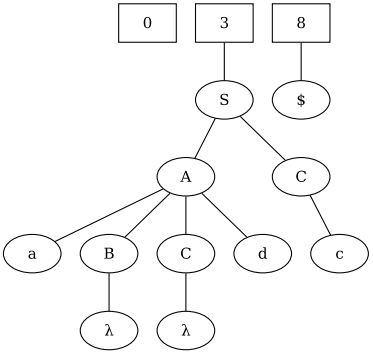
Operation: shift S to stack, goto state 3

**TOP OF STACK** | **FRONT OF DEQUE**



Operation: shift $ to stack, goto state 8

**TOP OF STACK** | **FRONT OF DEQUE**



Operation: reduce by rule 1 $START \rightarrow S\,\$$

**TOP OF STACK** | **FRONT OF DEQUE**