

Operation: begin  
**TOP OF STACK** | **FRONT OF DEQUE**

0

c

\$

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

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

---

0

B

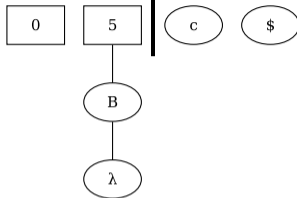
c

\$

$\lambda$

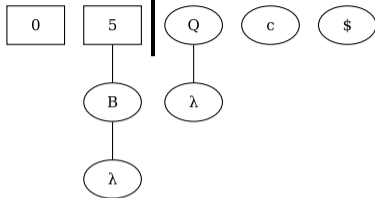
Operation: shift B to stack, goto state 5

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



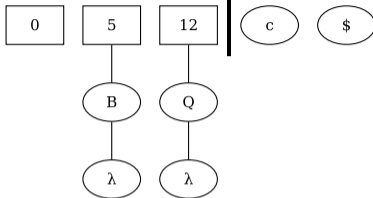
Operation: reduce by rule 10  $Q \rightarrow \lambda$

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



Operation: shift Q to stack, goto state 12

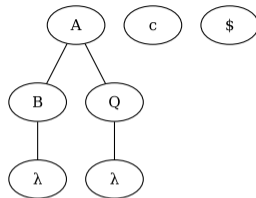
**TOP OF STACK** | **FRONT OF DEQUE**



Operation: reduce by rule 6  $A \rightarrow BQ$

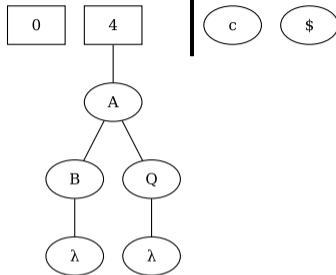
**TOP OF STACK**   **FRONT OF DEQUE**

0



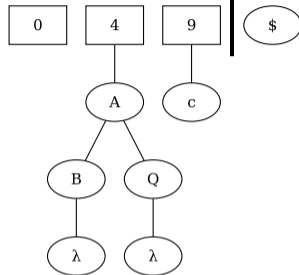
Operation: shift A to stack, goto state 4

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



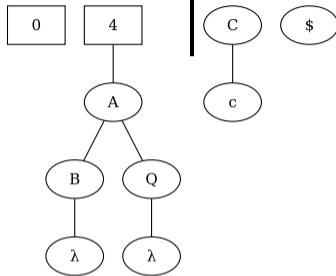
Operation: shift c to stack, goto state 9

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



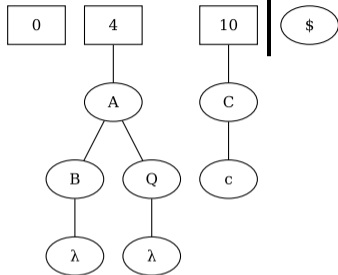
Operation: reduce by rule 3  $C \rightarrow c$

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



Operation: shift C to stack, goto state 10

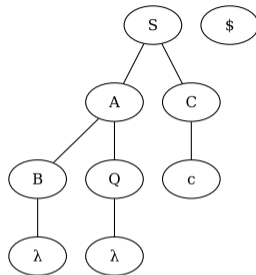
**TOP OF STACK** | **FRONT OF DEQUE**



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

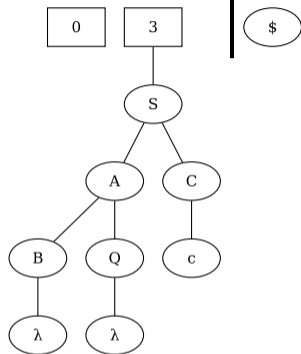
TOP OF STACK FRONT OF DEQUE

0



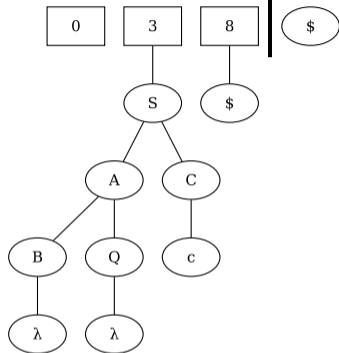
Operation: shift S to stack, goto state 3

**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**

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0

