

Quiz 11 Solution

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	First+
1. $S \rightarrow R$	First(R)
2. $R \rightarrow T A$	First(TA)
3. $A \rightarrow \& R$	$\&$
4. $A \rightarrow \# R$	$\#$
5. $A \rightarrow \varepsilon$	Follow(A)
6. $T \rightarrow P B$	First(PB)
7. $B \rightarrow @ T$	$@$
8. $B \rightarrow \varepsilon$	Follow(B)
9. $P \rightarrow v$	v
10. $P \rightarrow [R]$	$[$

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4. $A \rightarrow \# R$	$\#$	
5. $A \rightarrow \varepsilon$	Follow(A)	Follow(R)
6. $T \rightarrow P B$	First(PB)	v, [
7. $B \rightarrow @ T$	@	
8. $B \rightarrow \varepsilon$	Follow(B)	Follow(T)
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4. $A \rightarrow \# R$	#		
5. $A \rightarrow \varepsilon$	Follow(A)	Follow(R)], Follow(S)
6. $T \rightarrow P B$	First(PB)	v, [
7. $B \rightarrow @ T$	@		
8. $B \rightarrow \varepsilon$	Follow(B)	Follow(T)	First(A)
9. $P \rightarrow v$	v		
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	eof	&	#	@	v	[]
S					1	1	
R					2	2	
A	5	3	4				5
T					6	6	
B	8	8	8	7			8
P					9	10	