

- G: 1. stmt  $\rightarrow$  ID;  
 2. stmt  $\rightarrow$  ID (ID list);  
 3. stmt  $\rightarrow$  ID : stmt  
 4. ID list  $\rightarrow$  ID  
 5. ID list  $\rightarrow$  ID, ID list

by fill, first\_set()  $\rightarrow$  first set

nonterminal	first set
stmt	{ID}
ID list	{ID}

U(2)  $\rightarrow$  first set 2

nonterminal	first set 2
stmt	{ID, ID, ID}
ID list	{ID, ID}

문제 8  $\lambda \rightarrow \lambda \rightarrow$  first set 2 & G product

product	product set	stmt	ID list
G1. stmt $\rightarrow$ ID	{ID}	product 1	
G2. stmt $\rightarrow$ ID (ID)	{ID}	product 2	
G3. stmt $\rightarrow$ ID : stmt	{ID}	product 3	
G4. ID list $\rightarrow$ ID	{ID}		product 4
G5. ID list $\rightarrow$ ID, ID list	{ID, }		product 5