

⑥ $A \rightarrow x | \uparrow | (B)$
 $B \rightarrow B, A | A$

As this is a left recursive grammar so firstly we need to remove the left recursion.

After removing left recursion the grammar is

	First	Follow
$A \rightarrow x \uparrow (B)$	$\{x, \uparrow, (\}$	$\{ \$, x, \uparrow, C \}$
$B \rightarrow AB'$	$\{x, \uparrow, (\}$	$\{) \}$
$B' \rightarrow , AB' \epsilon$	$\{ , , \epsilon \}$	$\{) \}$

	x	↑	()	,	\$
A	$A \rightarrow x$	$A \rightarrow \uparrow$	$A \rightarrow (B)$			
B	$B \rightarrow AB'$	$B \rightarrow AB'$	$B \rightarrow AB'$			
B'				$B' \rightarrow \epsilon$	$B' \rightarrow , AB'$	

As it is clearly seen that No cell contains more than one values \therefore it is a predictive parser.

Now stack implementation

So the behaviour is showing that input string (x,x) is accepted by this parser.

