*3. Use CYK algorithm to find whether **abab** ∈ L(G). (Homework 7)

G: $S \rightarrow AB$
$A \rightarrow BB$
$A \rightarrow a$
$B \rightarrow AB$
$B \rightarrow b$

a	b	a	b
A	B	A	B
S, B		S, B	
	A		
A			

Word does not belongs to the grammar.