

State	Stack	input	
q ₀	ε	aabbab	
q	S#	aabbab	1
q	aSbS#	aabbab	
q	SbS#	abbab	2
q	aSbSbS#	abbab	
q	SbSbS#	bbab	3
q	bSbS#	bbab	
q	SbSb	bab	4
q	bS#	bab	
q	S#	ab	5
q	aSbS#	ab	
q	SbS#	b	6
q	bS#	b	
q	S#	ε	?
q	#	ε	
q	ε	ε	

Accept

input is accepted.