Module	INC4	
Dependencies		
Inputs	**Name**	**Size (Bits)**
	A[3]	1
	A[2]	1
	A[1]	1
	A[0]	1
Outputs	**Name**	**Size (Bits)**
	S[3]	1
	S[2]	1
	S[1]	1
	S[0]	1
Description	Takes a 4-bit input A (bits are wired into separate inputs), and generates a four-bit output S=A+1 (bits are wired into separate outputs).	