Check Kth Bit

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Given a non-negative integers N, design an algorithm check if its Kth bit is set or not.

Example

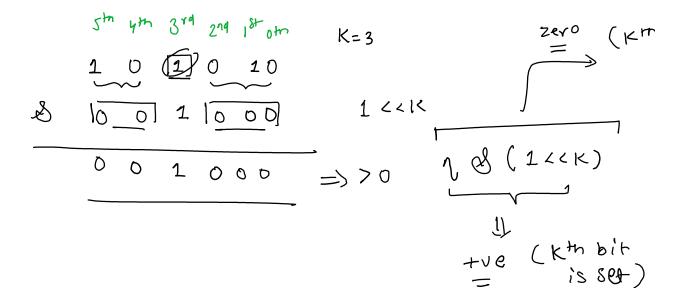
Input: N = 42, K = 3

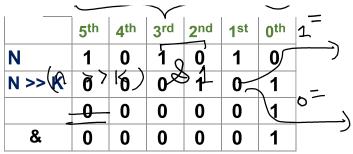
Output: true

Input: N = 42, K = 4

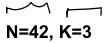
Output: false

5 th	4 th	3rd	2 nd	1st	0 th
1	0	1	0	1	0

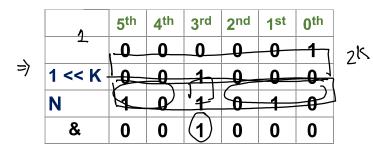




	km b	i F th	4 th	S ey -	2 nd	1st	0 th
	N	1	0	1	0	1	0
	N >> K	0	0	0	0	1	0
\	Km bi	†0	6	0	0	0	1
)	&	0	0	0	0	0	0



N=42, K=4



	5 th	4 th	3rd	2 nd	1st	0 th
,	0	0	0	0	0	1
1 << K	0	1	0_	0	0	0
N	1_	0	1	0	1	0
&	0	0	0	0	0	0
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