73270. Is it square?

Input file:	standard input
Output file:	standard output
Time limit:	1 second
Memory limit:	256 megabytes

Given a single number x check is it perfect square or not? Perfect square is numbers like 4, 9, 25.

Input

Single integer x $(1 \leqslant x \leqslant 10^9)$.

Output

"Yes"if is it perfect square, "No"in other case.

Examples

standard input	standard output
525	No
273	No
101	No
36	Yes
4	Yes