Abridge Number

Before May 2019, Youtube show subscribers number in detailed such as 1,454,039. But since then, it has been changed to abridged number such as 1.5M. You will write a program to convert an integer number to abridge number.

Input

1 Integer

Output

Abridged Number of input (Figuring out the abridge logic in from example below)

Example

Input (from keyboard)	Output (on screen)
32	32
8456	8.5K
84560	85K
108283	108K
2293910	2.3M
580912391	581M
1301008191	1.3B
25555555555	26B
2555555555555	2556B