#include <stdio.h>

#include <string.h>

int WordCount(char \* str, int n) {

char \* word = strtok(str," ");

int wcnt = 0;

while (word != NULL) {

if ((int)strlen(word) > n)

wcnt++;

word = strtok(NULL, " ");

}

return wcnt;

}

//Phan chuong trinh chinh, khong can viet khi thi

int main() {

char str[100];

int n;

gets(str);

scanf("%d",&n);

printf("%d\n",WordCount(str,n));

}