#include <stdio.h>

int main(){

int number;

int b = 0;

printf("insert the number of which you want digits\n");

scanf("%d", &number);

while(number!=0){

int digit = number%10;

printf("%d ",digit);

number = number/10;

b = b + 1;

}

printf("\n%d", b);

return 0;

}