#include <iostream>

int main(){

 int num ,temp ,n=0 ;

 std::cout<<"PLease Enter your Number: ";

 std::cin>>num;

 temp=num;

 //calculates the number of digits of number

 while(temp>0){

 temp=temp/10;

 n=n+1;

 }

 int arr[n],j=10;

 //argham adad ra joda mikonad va dar arr mirizad

 for(int i=n; i>0;i--){

 arr[i]=num % j;

 num=num /10;

 }

 //print

 for(int i=0; i<=n;i++){

 for(int j=0;j<arr[i];j++){

 std::cout<<arr[i];

 }

 std::cout<<" : "<<arr[i]<<'\n';

 }

 return 0;

}