#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;

}