#include <iostream>

#include <stack>

using namespace std;

int main(){

int num;

cout<<"Enter a number: ";

cin>>num;

int reverseNumber = 0;

while(num!=0){

reverseNumber = reverseNumber\*10 + num%10;

num = num/10;

}

while(reverseNumber!=0){

cout<<reverseNumber%10<<endl;

reverseNumber = reverseNumber/10;

}

return 0;

}