#include <iostream>

using namespace std;

void printSS(string ques, string ans){

if(ques.size()==0){

cout<<ans<<endl;

return;

}

char ch = ques[0];

string roq = ques.substr(1);

printSS(roq,ans+ch);

printSS(roq,ans+"");

}

int main(){

string str;

cin >> str;

printSS(str, "");

}