#include <iostream>

#include <vector>

using namespace std;

vector<string> gss(string s){

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

return {""};

}

char ch = s[0];

string str = s.substr(1);

vector<string> mres = gss(str);

vector<string> res;

for(auto x: mres){

res.push\_back(""+x);

}

for(auto x: mres){

string s = ch+x;

res.push\_back(s);

}

return res;

}

int main(){

string s;

cin >> s;

vector<string> ans = gss(s);

int cnt = 0;

cout << '[';

for (string str : ans){

if (cnt != ans.size() - 1)

cout << str << ", ";

else

cout << str;

cnt++;

}

cout << ']';

}