//generate subsets/subsequences using bitmasking

/\* abc

" ",a,b,ab,c,ac,bc,abc

\*/

#include<bits/stdc++.h>

using namespace std;

void filterchar(int n,char a[])

{

int j=0;

while(n>0)

{

int last\_bit= (n&1);

if(last\_bit==1)

{

cout<<a[j];

}

j++;

n=n>>1;

}

cout<<endl;

}

void printsubsets(char a[])

{

int n=strlen(a);

for(int i=0;i<(1<<n);i++)

{

filterchar(i,a);

}

}

int main() {

char a[100];

cin>>a;

printsubsets(a);

}