class Solution {

public:

string freqAlphabets(string s) {

// Characters ('a' to 'i') are represented by ('1' to '9') respectively.

//Characters ('j' to 'z') are represented by ('10#' to '26#') respectively.

string s1;

int k;

for(int i=s.size()-1;i>=0;){

if(s[i]=='#'){

k=s[i-2]-48;

k=k\*10+(s[i-1]-48);

if(k>=10&&k<=26){

s1+=(97+k-1);

}

i=i-3;

}

else{

k=s[i]-48;

if(k>0&&k<10){

s1+=(97+k-1);

}

i--;

}

}

string s2;

for(int j=s1.size()-1;j>=0;j--){

s2+=s1[j];

}

return s2;

}

};