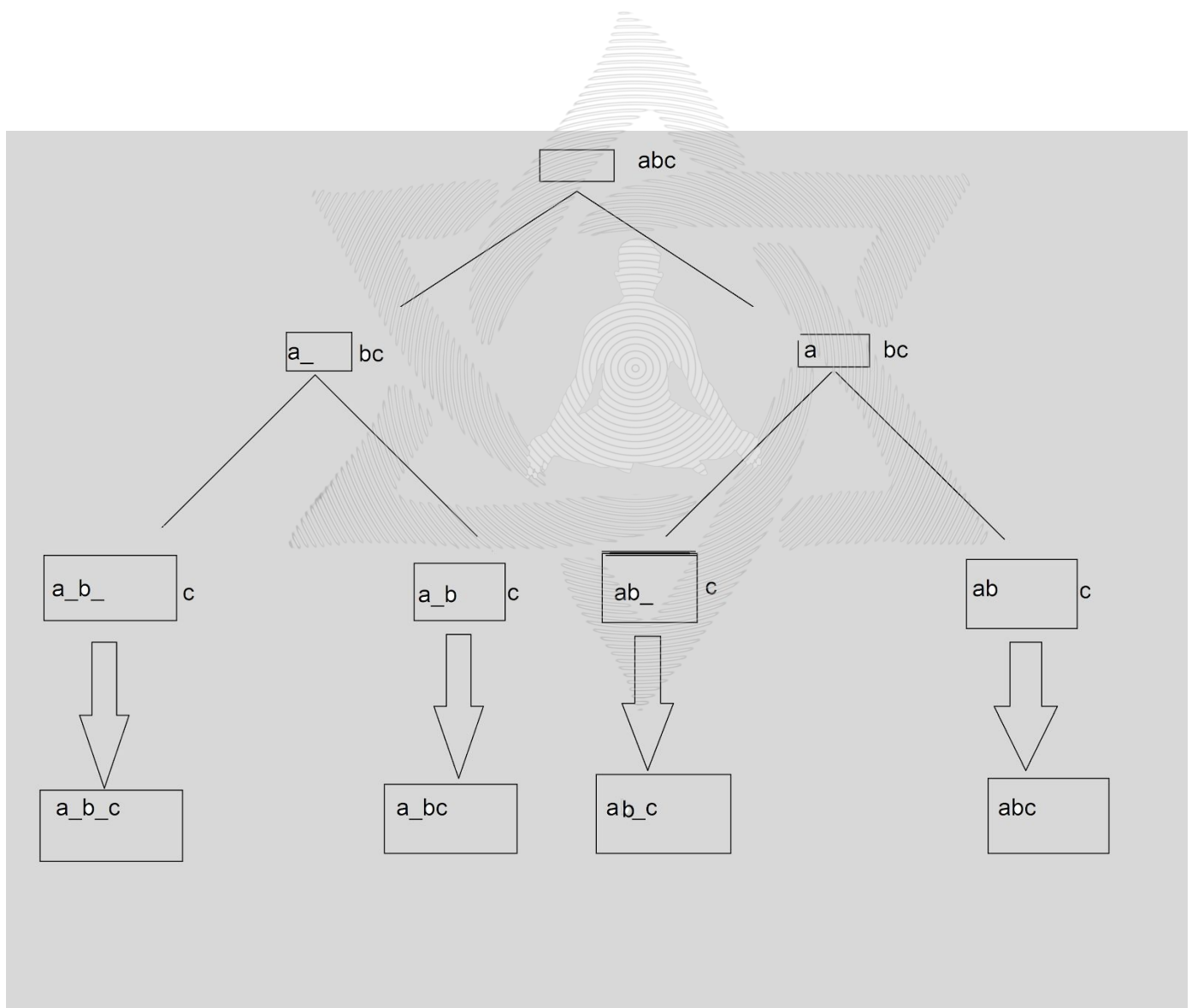


Print all possible strings

Given a string **str** your task is to complete the function **spaceString** which takes only one argument the string **str** and finds all possible strings that can be made by placing spaces (zero or one) in between them.

For eg . for the string abc all valid strings will be abc , ab c , a bc , a b c.



Code :

```
#include<bits/stdc++.h>
using namespace std;

vector<string> ans;
void perm(string op , string ip){
    op.push_back(ip[0]);
    ip.erase(ip.begin());
    if (ip.length() == 0){
        ans.push_back(op);
        return;
    }
    perm(op+' ',ip);
    perm(op,ip);
}

vector<string> permutation(string S){
    // Code Here
    string op = "";
    perm(op,S);
    return ans;
}

int main(){
    string s ;
    cin >> s;
    vector<string> v = permutation(s);
    for (auto &i : v ){
        cout << i << endl;
    }
}
```