//Complete this code or write your own from scratch

import java.util.\*;

import java.io.\*;

class Solution{

public static void main(String []argh){

Scanner in = new Scanner(System.in);

Map<String,Integer>phonebook=new HashMap<String,Integer>();

int n = in.nextInt();

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

String name = in.next();

int phone = in.nextInt();

// Write code here

//System.out.println(phone);

//System.out.println(name);

phonebook.put(name,phone);

}

while(in.hasNext()){

String s = in.next();

//Write code here

// System.out.println(s);

if(phonebook.containsKey(s))

{

System.out.println(s+"="+phonebook.get(s));

}

else

{

System.out.println("Not found");

}

}

in.close();

}

}