import java.io.\*;

import java.util.\*;

class HelloWorld {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

String s = sc.nextLine();

int len = s.length();

char[] ch = new char[len];

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

ch[i] =0;

}

int j = 0;

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

if(s.charAt(i) =='(' || s.charAt(i) == '[' || s.charAt(i) =='{' ){

ch[j] = s.charAt(i);

j++;

}

else if(s.charAt(i) == ')' && ch[j-1] == '('){

i =j-1;

ch[j] =0;

}

else if(s.charAt(i) == ']' && ch[j-1] == '['){

i =j-1;

ch[j] =0;

} else if(s.charAt(i) == '}' && ch[j-1] == '{'){

i =j-1;

ch[j] =0;

}

else{

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

break;

}

}

int m =0;

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

if(ch[i]!=0){

m++;

}

}

if(m==0){

System.out.println("Balanced");

}

}

}