import java.util.Scanner;

public class Ipl {

public static void main(String[] args) {

Scanner obj = new Scanner(System.in);

System.out.println("Enter String: ");

String str = obj.nextLine();

boolean res = validatePlayer(str);

if(res==true){

System.out.println("Valid");

}else{

System.out.println("Invalid");

}

obj.close();

}

static boolean validatePlayer(String str) {

int n = str.length();

int countODD=0,countEVEN=0;

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

if( i%2!=0 && ( str.charAt(i-1)=='a' || str.charAt(i-1)=='A' ) ) {

countODD = countODD+1;

}

if( i%2==0 && ( str.charAt(i-1)=='a' || str.charAt(i-1)=='A' ) ) {

countEVEN = countEVEN+1;

}

}

if(countEVEN == 0)

{

if( countEVEN+countODD == 0 || countODD>0 ) {

return true;

}

}

return false;

}

}

