import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int t = scanner.nextInt();

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

String s = scanner.next();

if (s.contains("010") || s.contains("101")) {

System.out.println("Good");

} else {

System.out.println("Bad");

}

}

}

}