Day 96 coding Statement :

Akhil has many balls of white and black colors. One day, he was playing with them. During the play, he arranged the balls
into two rows both consisting of N number of balls.
These two rows of balls are given to you in the form of strings X, Y. Both these string consist of 'W' and 'B', where 'W'
denotes a white colored ball and 'B' a black colored.

Other than these two rows of balls, Akhil has an infinite supply of extra balls of each color. he wants to create
another row of N balls, Z in such a way that the sum of hamming distance between X and Z, and hamming distance between
Y and Z is maximized.

Hamming Distance between two strings X and Y is defined as the number of positions where the color of balls in row X
differs from the row Y ball at that position. e.g. hamming distance between "WBB", "BWB" is 2, as at position 1 and 2,
corresponding colors in the two strings differ.

```
import java.io.*;
class Main
{
public static void main(String[] ar)throws IOException
{
BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
PrintWriter out = new PrintWriter(System.out);
int t = Integer.parseInt(br.readLine());
while(t-->0)
{
String s1 = br.readLine();
String s2 = br.readLine();
int len=s1.length();
String str="";
for(int i=0;i<len;i++)
{
if(s2.charAt(i)==s1.charAt(i))
{
if(s1.charAt(i)=='W')
out.print('B');
else
out.print('W');
}
else
```

```
            out.print('B');
        }
        out.println();
        out.flush();

    }
}
}
```