```java
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();
}
}
}
```