```java
import java.util.*;
class pattern
{
public static void main(String[]
args)
{
Scanner sc=new Scanner(System.in);
System.out.println("Enter the
string:");
String str=sc.next();
int len = str.length();
char ch[]=str.toCharArray();
int a=0;
for (int i = 1; i<len*2;i++)
{
if(i==len)
    System.out.println("
".repeat(a)+ch[a]+" ".repeat(a++));
else
    System.out.println("
".repeat(a)+ch[a]+"
".repeat((len-a)*2-3)+ch[a]+"
".repeat(a++));
if(i>=len)
    a-=2;
}
}
}
```