```
achyutjagini@Abhijays-Air 9a-Student % ./a.out
1 AB∗CD-+
2
A*B+C-D
3
+*AB-CD
AB*CD-+
1 AB+
2
A+B
3
+AB
4
AB+
1 A
2
Α
3
Α
4
Α
```