```
Example:-
       \mathcal{L} = \{a, b\} aa^* = a^+
          i. a/b = \{a, b\}
         ii. a(u/b) = {aa, ab}
                            a(u|b) = \{a, a, ab\}
a^* = \{e, a, aa, aaa, aaaa, ......, \}
                             at = {a, aa, aaa, aaaa, _____'}
           V. 4*b*=\{E,a,aa,aaa,b,bb,bbb,abbb,aabbb,aabbb,] \rightarrow a*b*
vi. a*b*=\{b,ab,aab,aaab,bb,bbbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb,aabbb
               vii. atb* = {a, aaa, aaaa, abgabbb, aaubbbb, ..... 2
               viii. -(ab)^* = \{ \in, ab, abab, abab ab ab, ---- \}
                l(l/d)^* , l^+d^*
                                                             \rightarrow an aa, aca \rightarrow /(ab)^2 = a^2b^2, /(ab)^{*} \neq a^{*}b^{*}/
                                                                                       A \times B \neq B \times A
(AB)' = B' A'
\overline{a}.\overline{b} = \overline{b}.\overline{n}
                                                                                                                                                                                                          (abc)' + a'b'c' \qquad \overrightarrow{a} \times \overrightarrow{b} + \overrightarrow{b} \times \overrightarrow{a}
\longrightarrow c'b'a''
                                                                                              ab = ba
                            xi, a^*(ab)^* = \{ \in, a, aaaa, ab, abab, ababab, aab, aaaab, aaa abab, .... \}
                        xiii. (a*ba)/(ab*a) = \{ba, aa, aba, aaaba, abbbbba, \\\
\frac{1}{2}{2} \text{ \lambda} \text{
                                                                               36a, aba, aaaaaba, .... ?
```

√ * ¿aa, aba, abbbbba, ? {ba, aba, aaaaaba, }

xiv. a* (ba/ab*) a = {baq, aa, aba, abaa, aaa, abaa, aaa, abbbba, }

abbbbbba

$$(a/b)^* (b/a)^* = \{ \epsilon, a, b, aaa, bbbb, abbabaal, -... \}$$

$$(a/b)^* = (b/a)^*$$