Orostion- 7:

Given Input E= {0, b}

"a" as the 2nd but belles over given enput

Possible Combinations = 300, aaa, aab, baa, bab, aaaa]

Boungs Extraction:

[(a+b)* a (a+b)* (ab+ aa)

* Using this segular expression we Can form the given string examples A With this regular expression, string Can start with and letter is a's and letter is a's.

* The second letter can be followed by any number of als so that given segular expression passes with all the Combinations

Exomples

1. $aq = (a+b)^{*} a (a+b)^{*} (ab+aa)$ = (a+b)' a (val(d))

2. aaa = (a+b)* a (a+b)* (ab+aa)

= (a+b) a (a+b) (valed)

3. baa = (a+b)* a (a+b)* (ab+0a)

= (wha) = =