EDIDIONG IME- ESSIEN

CSC 308

17/SCI01/041

Question

Design regular expression for the following languages

a. language whose length is at most 3

b. language of even length

c.  language starting and ending with different letter

Answers

1. L={ aaa,aab,aba,abb,baa,bab,bba,bbb}

 {a+b}{a+b}{a+b}

1. ( aa + ab + ba + bb )\*
2. L(a(a+b)∗b)