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| Write a C program to implement a DFA for the regular expression (a/b)\*abb using if-else. |
| Algorithm:  Input: A string with characters a and b.  Output: Whether the given string is valid or not.  Data structures: Array  Step 1: Initialize a character array and input the string.  Step 2: Declare two integer variables, state and i.  Step 3: while input[i]!=’\0’, do  3.1: if input are neither of a and b then set state = -1, exit.  3.2: if input a or b, set state=new state.  3.3: else set state=-1.  Step 4: if state is equal to final state print valid string else print invalid string.  C:\Users\yesua\Desktop\1.jpg  C:\Users\yesua\Desktop\2.jpg  Output:  C:\Users\yesua\AppData\Local\Microsoft\Windows\INetCache\Content.Word\4.png |