Al String: a a b b a a # %: aabbaa# 9.: #abbaa# 94: #abbaa# 9,: #axbaa# 9,: #axba a# 93;#axbx a# 94: # axbx a# 94: # a x b x a # 94:# ax bx a# Va: # ax bx a# 2:#axbxa# 9: #axbxa#

9: #xxbxa# 9.: #xxbxa# 9,: # x x x x x x x # q: #xxxx &# 92: # ×××××# Q: #xxxxx # Q: #xxxxxx 26: ※×××× # %: #xxxxx 96: #XXXXX# %: #×××××# Paccept I : a a b b a a # accepted

- I Implementation level Strategy:
 - I. Start by giving a "#" blank symbol symbol before in putting in the input string on the tape and the tape head starts on the first symbol of the input string.
 - 2. Sean the input string left to wright.
 - 3. Whenever 'a' is encountered, replace it by 'X' after a" and four b' replace with "Y'. Ignore the encounter X, Y,
 - 9. During the scanning process, if there is more than two "b"s for a single "a", reject.
 - 5. By scanning, when the tape head neaches a "#" it goes to left untill it binds "#" and starts scan again to right it any "a" on "b" left scanning and nepeating from steps 2.
 - 6. if all the "a" and "b" marks on replaced, Accept.

Testing!

| x | a | a | y | b | b #(x)x|x|Y|Y|Y

