S -> Sa | ba | Sab

S-> Sa(empty|b)|ba

S->SaX|ba

X->empty|b  
A -> aA | bB  
B -> bB | Bb | bb

B->b(B|b)|Bb

B->bY|Bb

Y->B|b

After left recursion

S->SaX|ba

X->empty|b  
A -> aA | bB

B->bY|Bb

Y->B|b