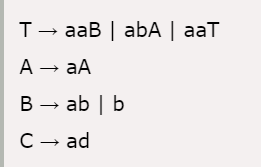
Simplification of Context free grammar

**Removing useless symbol :**



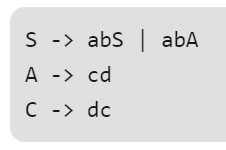


Ans: We cannot able to get a finite string. And we cannot able to reach C. So remove both.  
T 🡪 aaB | aaT  
B 🡪 ab | b

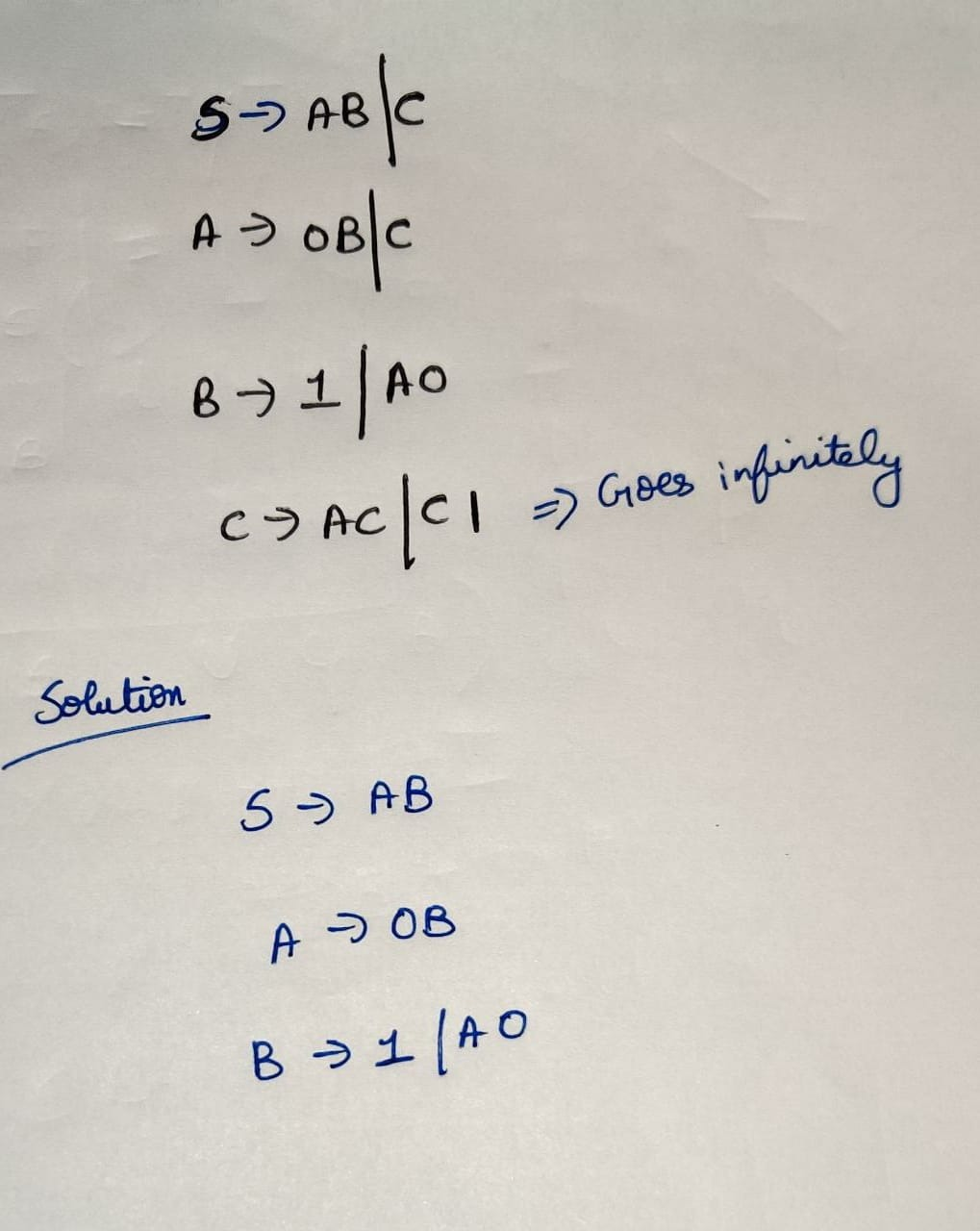




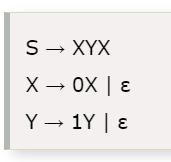
**Ans:**





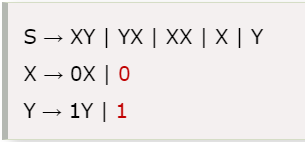




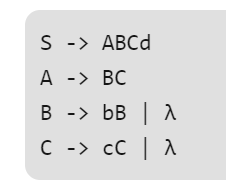
Removing epsilon production:  




Ans :

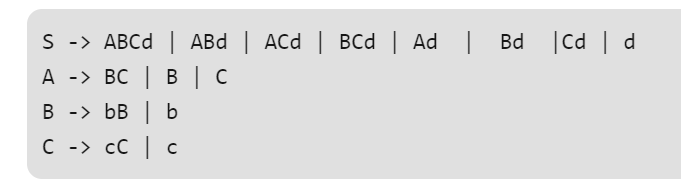




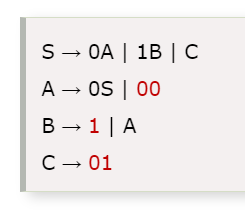




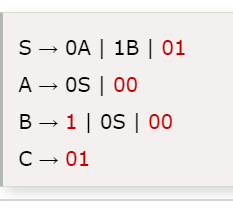
**Ans:**



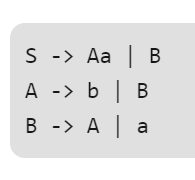


Removing unit Production:  
  
Ans:









**Ans:**

