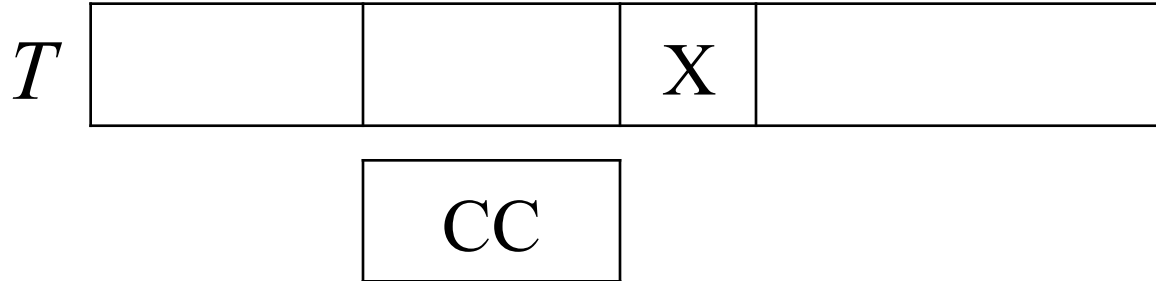


Let us assume that we search for CC.



Case 1 : $X = C$. We move CC 1 step.

Case 2 : $X \neq C$. We move CC 3 steps.