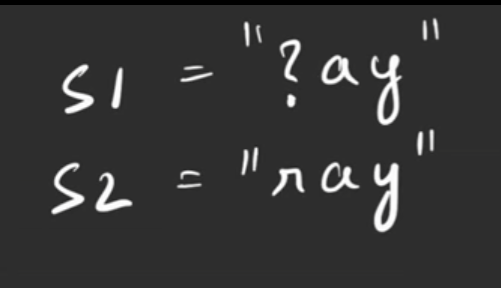
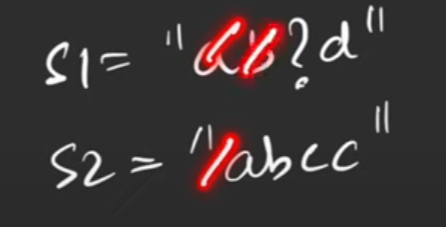
Wild cart mating

? 🡪 match with single character

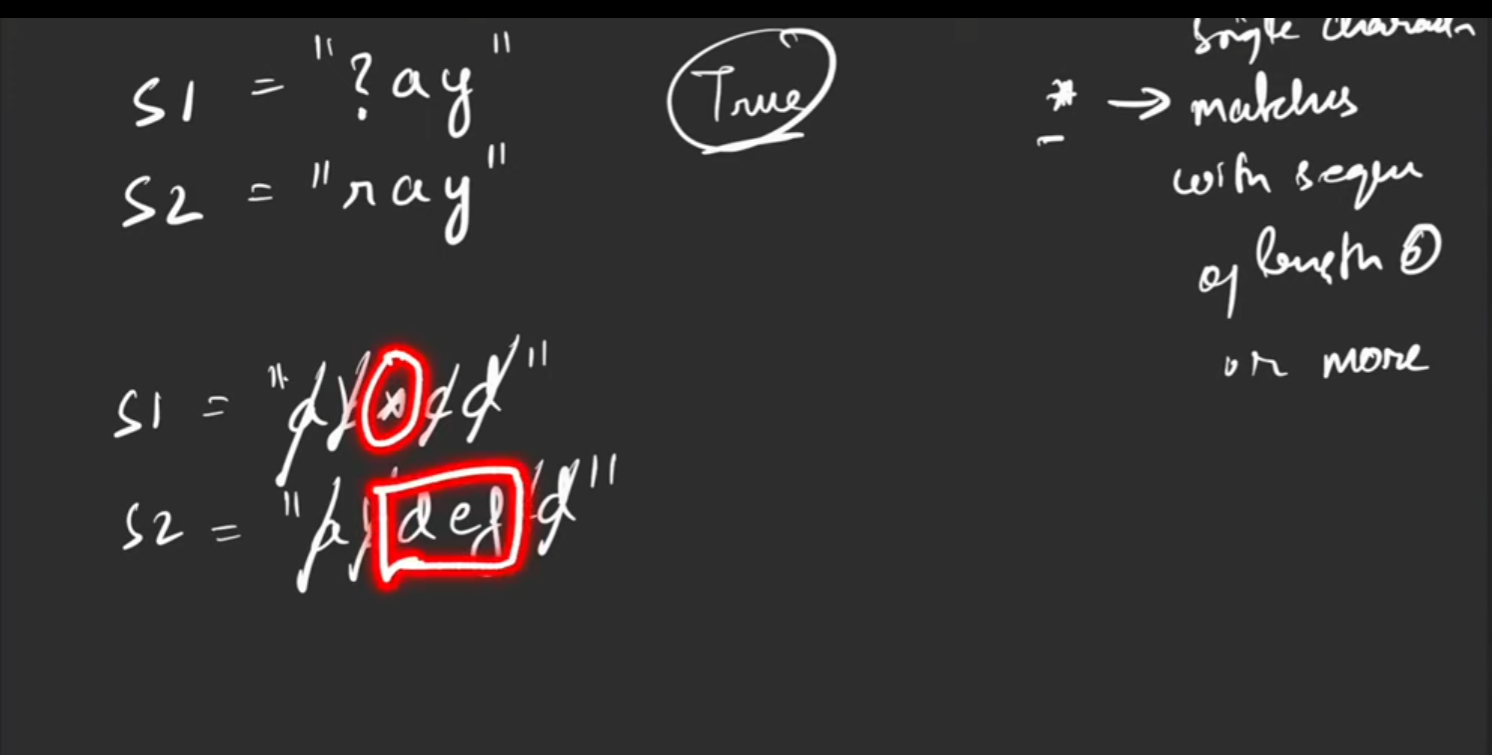




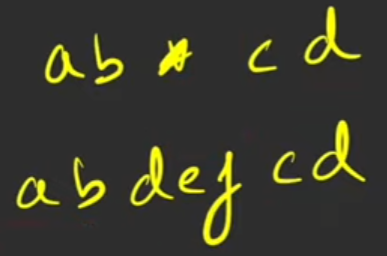


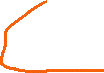


\* 🡪 match with multiple characters



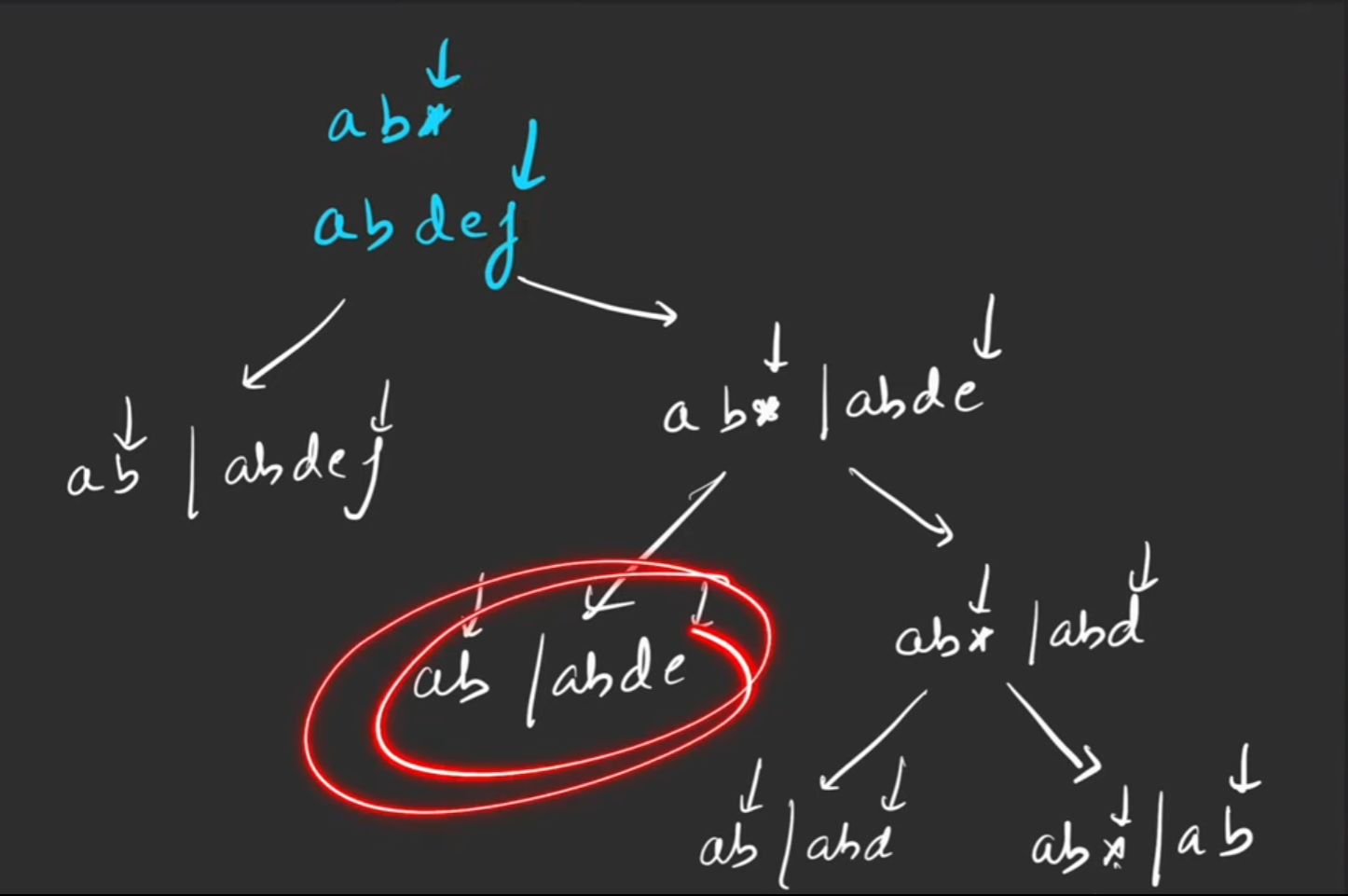
For \* we don’t know how many characters take consideration for matching with \*

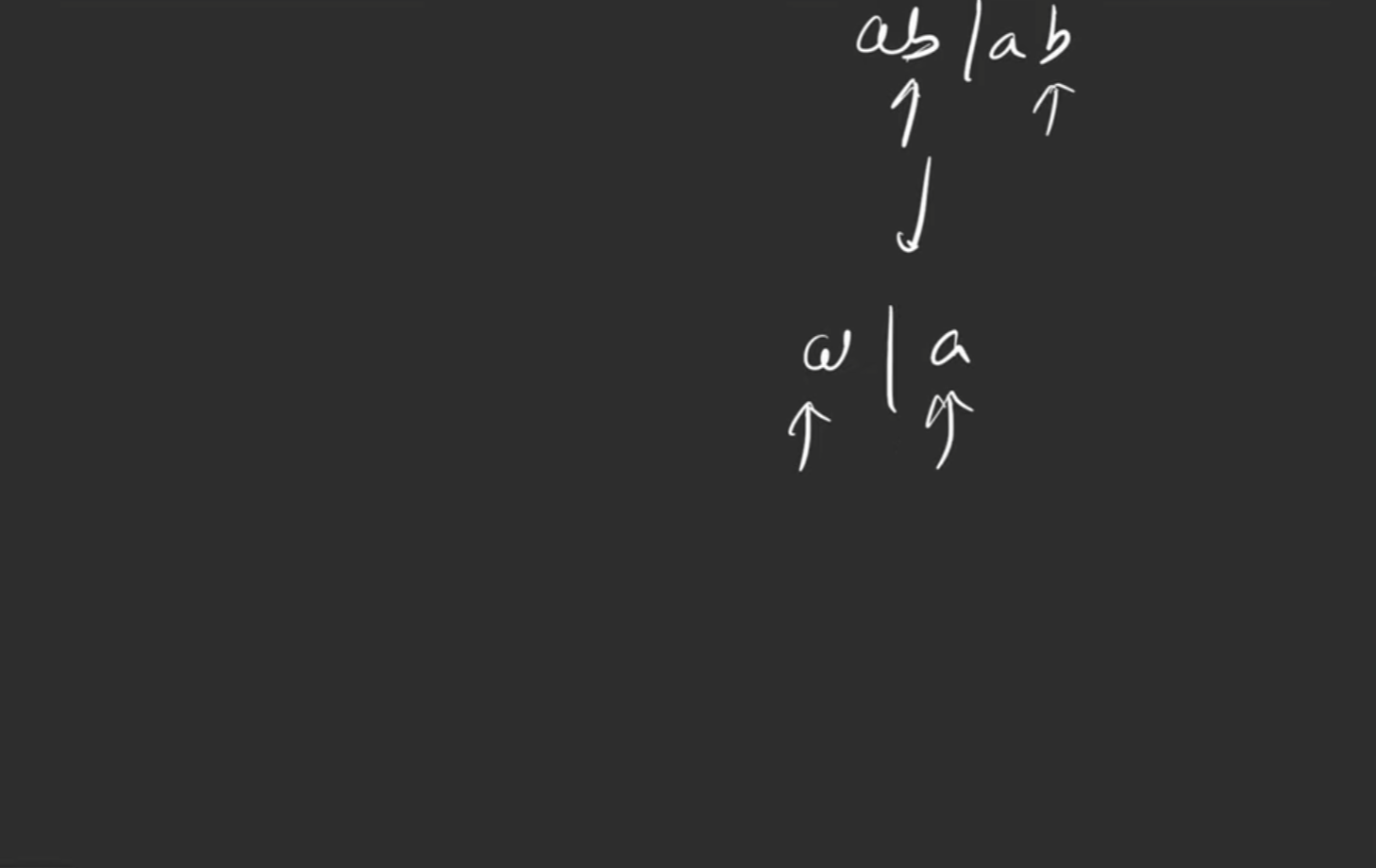


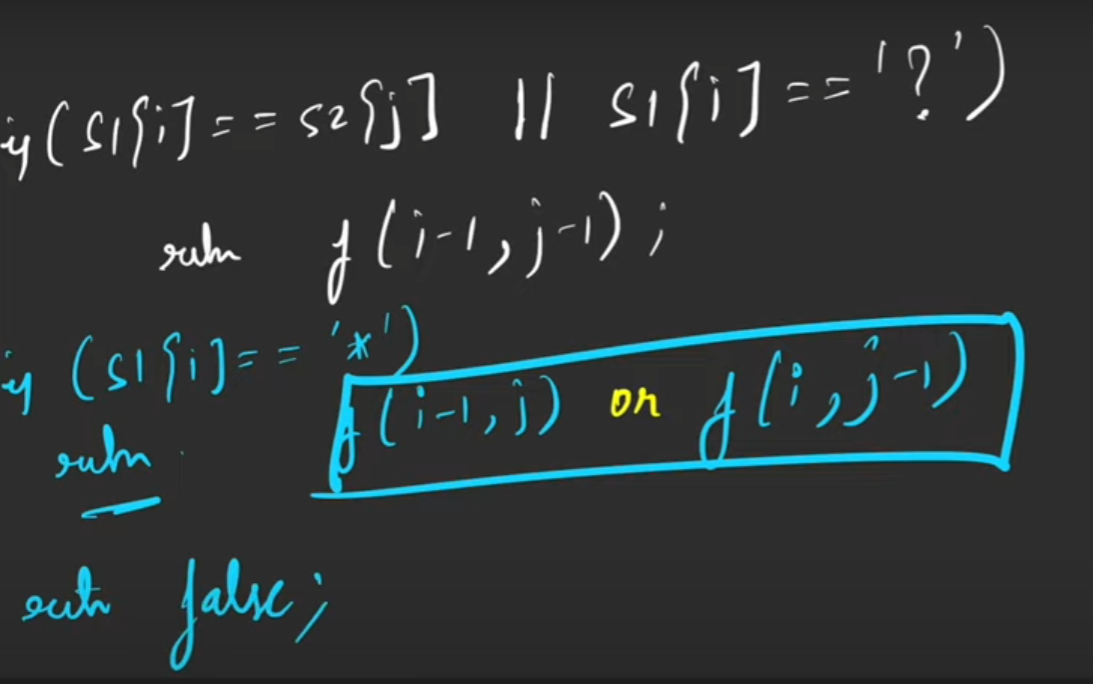


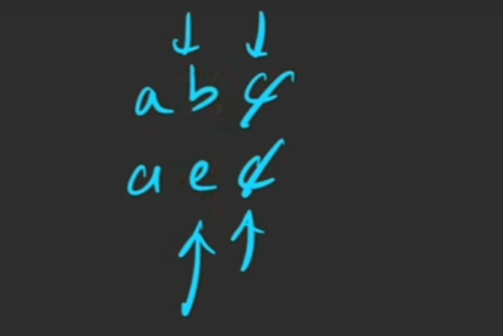
So, we explore all possible ways

Tree diagram

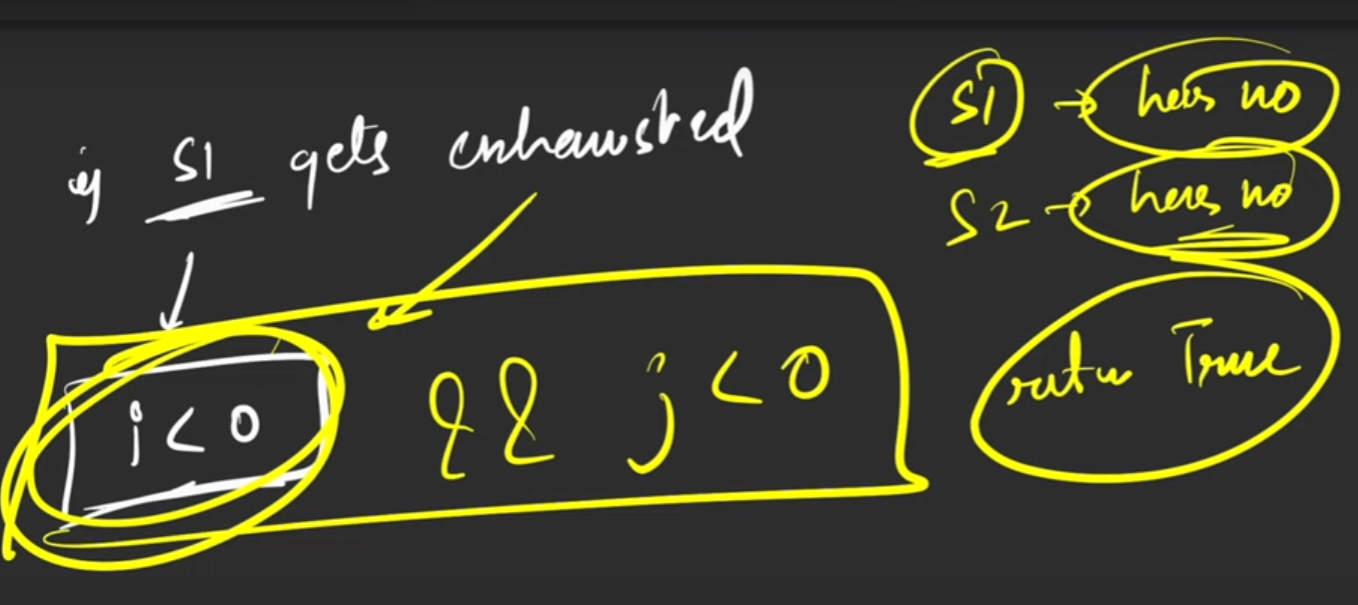
****



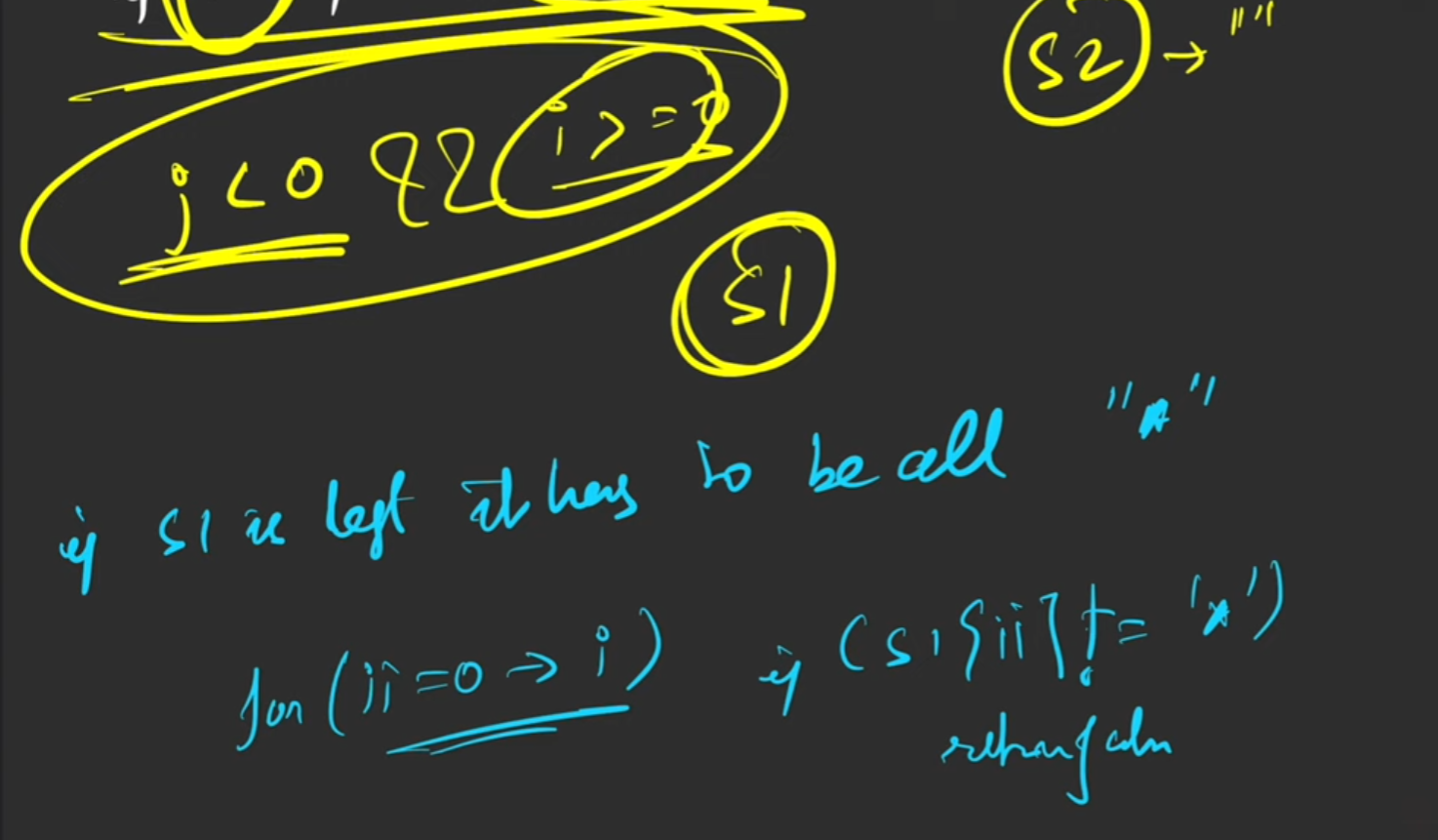


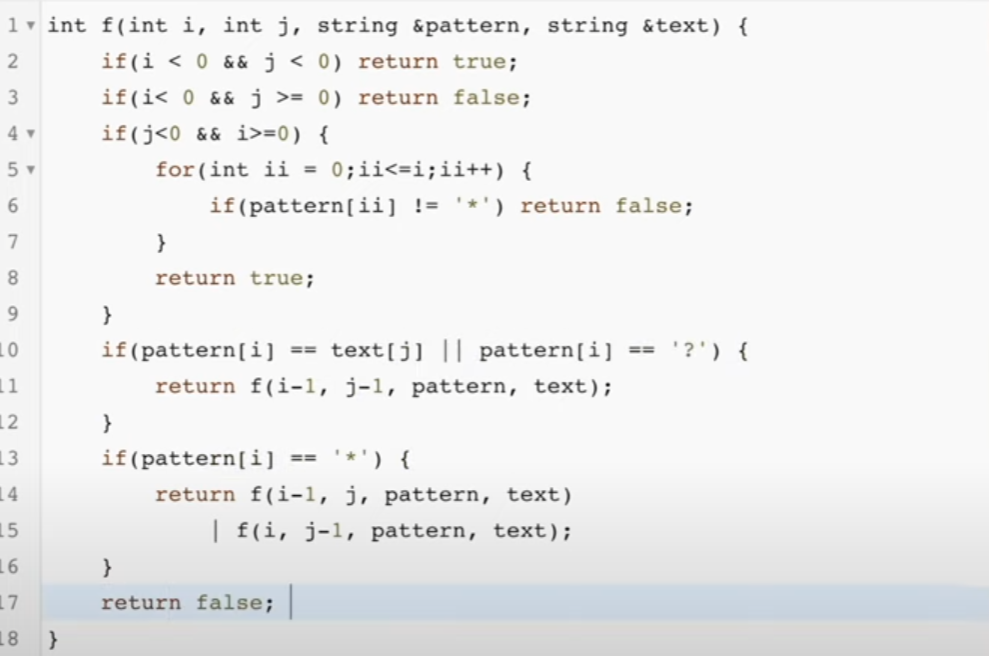


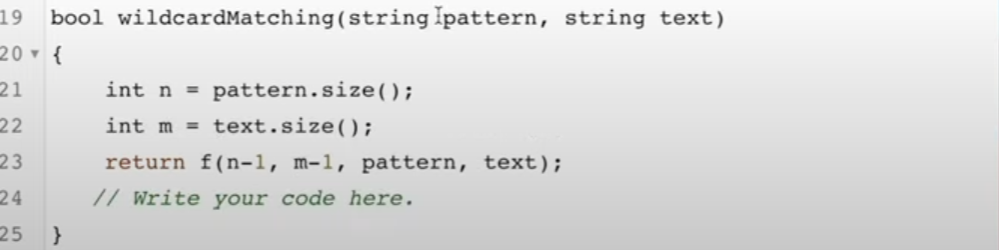
Base case



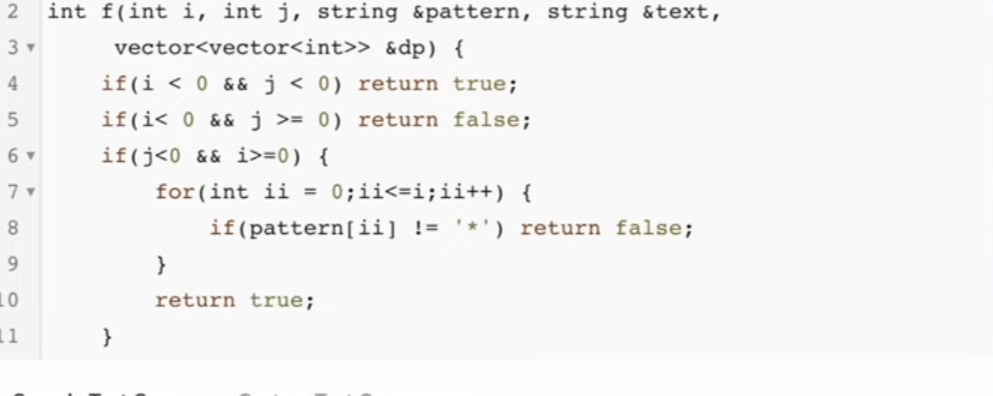


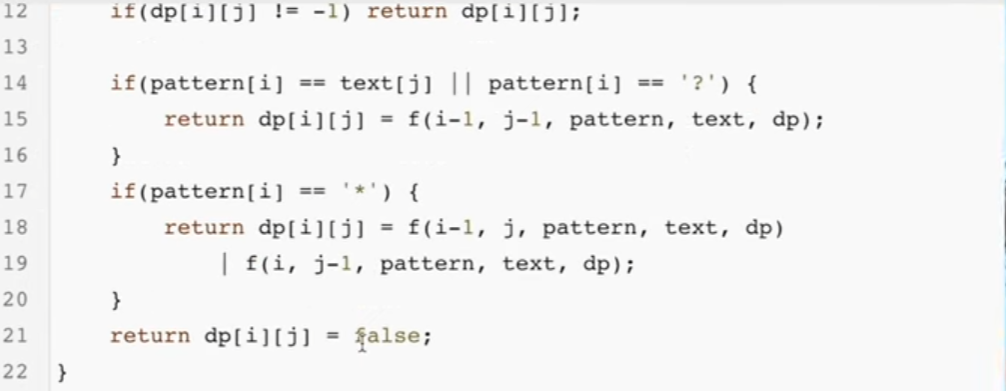






Memoization





Tabulation

