Naive String matching the are given a string of characters and. -a pattern Patien matching is the Comparing two or more tent or array of Characters. It is also called string matching Naive string matching \* No preprocessing is done

\* comparison is done in left to right order on the Characters in two arrays. \* when mismatch occurs pattern is moved one position to the right work the text. \* Again Companison is alone from left to right Inputs are tent T and pattern to be matched P A190 n ← length [T]
m ← length [P] (n-m+1) 5=0 to s=n-m Counter = 0
for i=0 to m-1 m times 3 if (P[] == T(5+1]) Counter - Counter+1. if (counter= m) 11 Pattern matched Point (s) Complexity - (n-m+1) \* m = 0 (m. (n-m+1))

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lavie ? ex:	T = 0000 1000 to 1001
EN	P= 0001
S=0	no match
SI	T = 0000 1000101001
	$P = 000\phi$
Jahan Jahan	matched at s=1
S=2	T= 0000100010001
Two dwells to	P = 0001
	notted by No match
8=3	T= 0000 1000 10100 1
	P = 0001
The Count	No match
5-4	T = 0000 1000 101001
19/14	P = 0001 No match
6-5	T= 0000 1000 101001
	P- 0001
	S=5 matched
S=6	T= 0000 1000 10100)
	P=0001 No math
5-7	T= 0000 1000 101001
	P= 0001 No match
	((1mg)-m)0

5=8	T= 0000 1000 10100) P= 0001 No match
5:9	T= 0000 1000 101001 P= 0001 no match
5=10	T = 0000 (000 (0100) no match P= 0001
3=11	T= 0000. 1000 1010001 pattern matched P= 0001 at S= 11
	So, Pattern matched at pos? 1, 5, 11