PATTERN MATCHING ISAGICS Most Noive approals. s - b cad c b ca for(:= 0; 1 = lon(s)-ln(p); +1)/ (for (joo; jelen(P); i++)1 book isfounde tour, is(p[i]) == c([i+i])
continue; Time Conflerity: O(n*m)

KMP ALGORITHM ~ OC) Time Complemity; O(string) + a Pallens longest lugter) - we need a prefix which is also a suffix. s: a bczahcgabzabcgabcy P: ahc gabcy

LONGEST PREFIX SUFFIX EXPLAIN

would in O(n)

Z- ALGORITHM PATTERN MATCHING Z-function -> 2(1) -> langth of langent Culothing

Stanting at 1/1 which is

Tim bufflusty
fan z-awy is D(mrn). also the pre-fix of the

String. a a c b y a a k a a c
0 1 1 0 0 0 2 1 1 0 3 1 1 0 New/ tentz y abckabdahe Vattour = ak generale, Pattern + f' + Tent abc 4 y a bc kabdabc

0 0 0 0 0 0 3 0 0 0 2 0 0 3 0 0 1-p.length()-1