

Longest Common Prefix

arr → { "coding", "codezen", "codingninja",  
"coders" }

coding

jab l → R jaoge to wo character  
ko milate jao prefix banjayega

given array me [cod] → longest common prefix hi

⇒

c	o	d	i	n	g
c	o	d	e	z	e
c	o	d	i	n	g
c	o	d	e	r	s

⇒ cod

Approach 1:

take first string

take each character of first string

compare it with characters of other strings

if matches

add in ans

increment

if not matches

stop

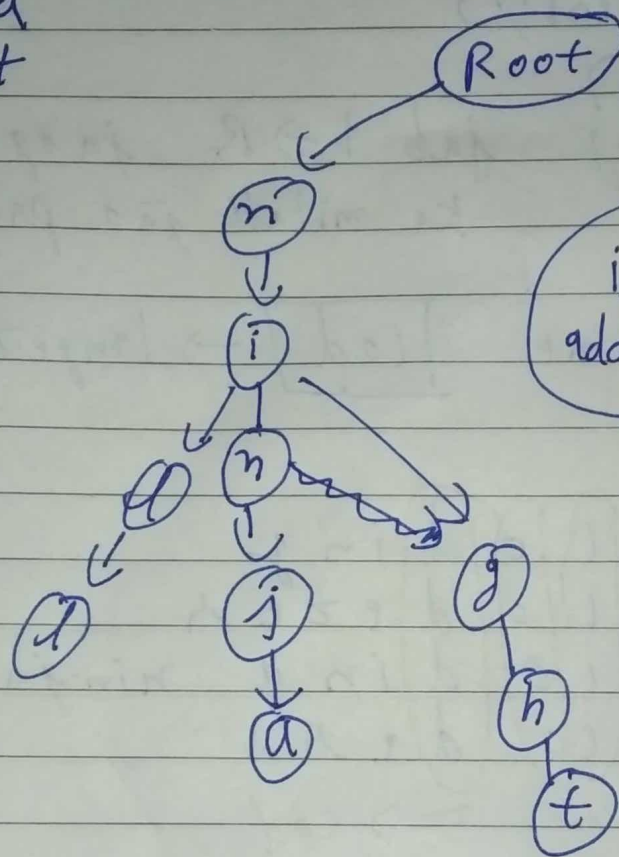
Date .....

## # Approach 2

n	i	n	j	a
n	i	g	h	t
n	i	l	l	

ans = ni

Insert all string into trie



if child count = 1  
add to ans