Problem Statement: Find the Longest common Prefix from the given strings.

Input: {"Rajan", "Rajankumar", "RajankumarDudeja"}

Output: "Rajan"

Input: {"apple", "ape", "april"}

Output: "ap"

**Code:**

# Python 3 program to find longest

# common prefix of given array of words.

def longestCommonPrefix( a):

size = len(a)

# if size is 0, return empty string

if (size == 0):

return ""

if (size == 1):

return a[0]

# sort the array of strings

a.sort()

# find the minimum length from

# first and last string

end = min(len(a[0]), len(a[size - 1]))

# find the common prefix between

# the first and last string

i = 0

while (i < end and

a[0][i] == a[size - 1][i]):

i += 1

pre = a[0][0: i]

return pre

# Driver Code

if \_\_name\_\_ == "\_\_main\_\_":

input = ["rajan", "raj"]

print("The longest Common Prefix is :" ,

longestCommonPrefix(input))