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#tech ht (05.02.25)
#1
def find_common_prefix(words):
    common_prefix = words[0]

    for word in words[1:]:
        while not word.startswith(common_prefix):
            common_prefix = common_prefix[:-1]
        if not common_prefix:
            return "There is no common prefix among the input strings"

    return f"The common prefix is: {common_prefix}"

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word_list = input("Enter the words: ").split()
print("Input words:", word_list)
result = find_common_prefix(word_list)
print(result)

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#2
s=input("Enter the value of s : ")
t=input("Enter the value of t : ")
length1=len(s)
length2=len(t)
index=0
for i in t:
    if index<length1 and s[index]==i:
        index+=1
    if index==length1:
        print("True")
        break
else:
    print("False")

```