1.Given a list of characters, merge all of them into a string.

Examples:

Input : ['g', 'e', 'e', 'k', 's', 'f', 'o',

'r', 'g', 'e', 'e', 'k', 's']

Output : geeksforgeeks

Input : ['p', 'r', 'o', 'g', 'r', 'a', 'm',

'm', 'i', 'n', 'g']

Output : programming

OUTPUT:

a=['g', 'e', 'e', 'k', 's', 'f', 'o', 'r', 'g', 'e', 'e', 'k', 's']  
string=''.join(a)  
print(string)

2. Given two strings ‘X’ and ‘Y’, print the longest common sub-string.

Examples:

Input : X = "GeeksforGeeks",

Y = "GeeksQuiz"

Output : Geeks

Input : X = "zxabcdezy",

Y = "yzabcdezx"

Output : abcdez

OUTPUT :

a="zxabcdezy"  
b="yzabcdezx"  
c=list(a)  
d=list(b)  
e=[]  
f=[]  
for i in range(0,len(c)):  
 for j in range(0,len(d)):  
 if c[i]==d[j]:  
 e.append(d[j])  
for k in e:  
 if k not in f:  
 f.append(k)  
str="".join(f)  
print(str)