a='e~e+t/t'

b='t~t\*f/f'

c='f~id'

if(a[0]=='e'):

if(a[0]==a[2]):

for i in range (3,len(a)):

if(a[i]=='/'):

break

k1=a[3:i]

k2=a[i+1:len(a)]

f2='e`'

f1=a[0:2]+k2+f2

f2=f2+'~'+k1+f2+'/$'

print(f1)

print(f2)

else:

print(a)

if(b[0]=='t'):

if(b[0]==b[2]):

for i in range (3,len(b)):

if(b[i]=='/'):

break

k1=b[3:i]

k2 = b[i + 1:len(b)]

f2 = 't`'

f1 = b[0:2] + k2 + f2

f2 = f2 + '~' + k1 + f2 + '/$'

print(f1)

print(f2)

else:

print(b)

if(c[0]=='f'):

print(c)

**Output:**

e~te`

e`~+te`/$

t~ft`

t`~\*ft`/$

f~id