EXPERIMENT 18

Python program for back tracking problem

def permute(list, s):

if list == 1:

return s

else:

return [

y + x

for y in permute(1, s)

for x in permute(list - 1, s)

]

print(permute(1, ["a","b","c"]))

print(permute(2, ["a","b","c"]))

OUTPUT

