def two\_num\_sum(data, sum):

result = []

s = set()

for data\_cur in data:

data\_require = sum – data\_cur

if data\_require in s:

result.append([data\_cur, data\_require])

s.add(data\_cur)

return result

data = [1, 4, 45, 6, 10, -8]

sum = 16

result\_pairs = two\_num\_sum(data, sum)

for pairs in result\_pairs:

print(pairs),