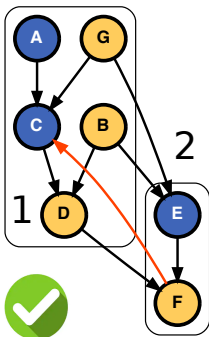
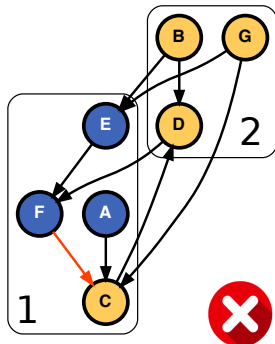


Input



Solution 1



Solution 2



Partition	1	2
# op	5	2
# input	1	3
# output	3	1

Partition	1	2
# op	4	3
# input	3	1
# output	1	3