## Another Problem

You run two coffee shops. You have to decide who will work at which of your shops today:
$A, B, C$ are all capable of managing a shop.
$D, E, F, G$ are all regular employees (can't be a manager)

You need at least one manager at each shop, at least 3 people (total) at shop 1 and at least 4 people (total) at shop 2.

Hint: think of assigning managers and non-managers as separate...

