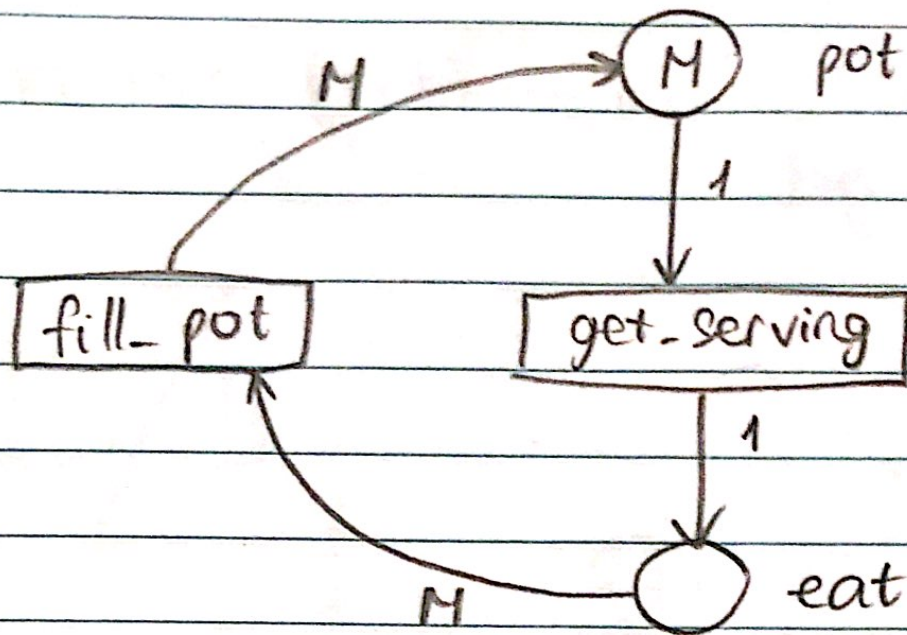


#4

b)



fill_pot can only be fired when eat has M tokens. This can only happen when all M tokens in pot are moved to eat, which means the pot is empty. So, fill_pot can be executed