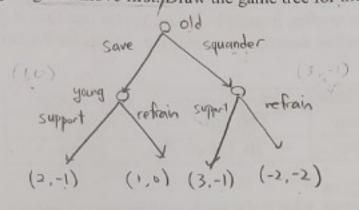
(b) The above game setting ignores the time structure: one of the (few) advantages of being old is that you get to make (4 points) old is that you get to move first. Draw the game tree for the extensive game. (4 points)



(c) Then draw the payoff matrix of the extensive game of (b). Find Nash equilibria from the payoff matrix. (8 points) Let's suppose S- support, R- refrain

old	55	SR	RS	RR	=> (save, RR)
save	2,-1	2,-1	1,0	1/6/7	(squarder, SS)
Squander	3/7/	-2,-2	4/4	-2,-2	(squarder, RS)

(d) Lastly, find the subgame-perfect Nash equilibrium. (6 points)

After consider young's payoff, game reformed just like this,

> (squander, RS)