## Step by step guide on how to find a Nash Equilibrium or Equilibria

Step 1. Look at the payoff matrix and figure out whose payoff's are whose:

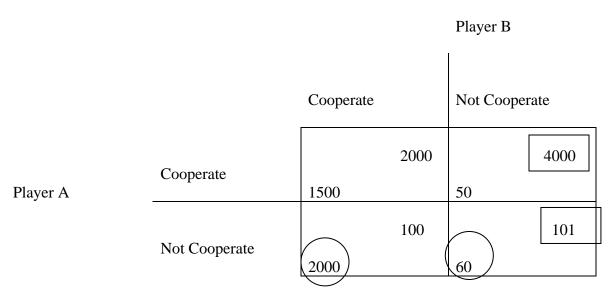
				Player B	
		Cooperate	:	Not Coo	perate
Player A	Cooperate	1500 (A)	2000 (B)	50 (A)	4000 (B)
	Not Cooperate	2000 (A)	100 (B)	60 (A)	101 (B)

Step 2. Figure out Player A's best response to all of player B's actions

				Player B
		Cooperate		Not Cooperate
Player A	Cooperate	1500	2000	4000
	Not Cooperate	2000	100	60

Since 2000 > 1500 and since 60 > 50

Step 3. Figure out Player B's best response to all of player A's actions



Since 4000 > 2000 and since 101 > 100

Step 4. A Nash equilibrium exists where Player B's best response is the same as Player A's best response

				Player B	
		Cooperate		Not Coopera	te
Player A	Cooperate	1500	2000	50	4000
	Not Cooperate	2000	100	60	101

## Find the Nash equilibrium or Nash equilibria

## Example 1

				Player B
		Cooperate		Not Cooperate
Player A	Cooperate	2500	6000	4000
	Not Cooperate	2000	100	101

## Example 2

				Player B
		Cooperate		Not Cooperate
Player A	Cooperate	1500	2000	4000
	Not Cooperate	2000	105	101