


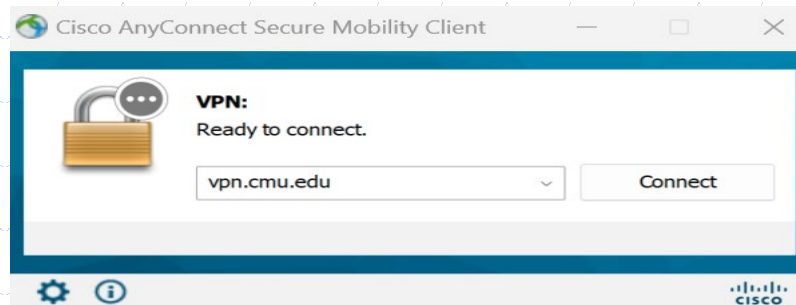
Session 1.3

Playing Strategic Form Games


These notes describe the mechanics of playing a strategic form game (as a client). These instructions apply to the games you play in class, and to those you play within your team.

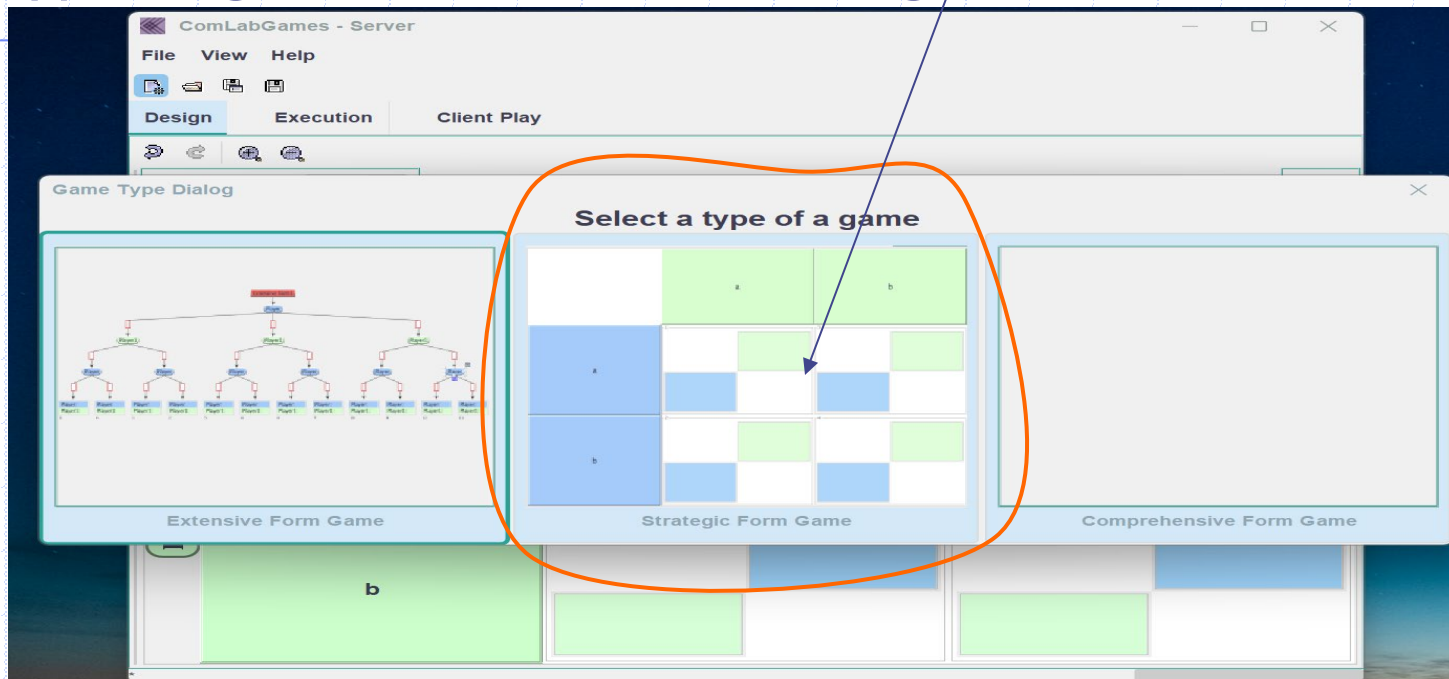
VPN Connect when not in the same classroom

1. Before starting Comlabgames software , make sure to connect to the same network that the server runs the game. This instructions are for subjects who login from different locations that are not part of the same network.
2. Open Cisco AnyConnect Secure Mobility Client and Connect to CMU VPN address.



Login instructions

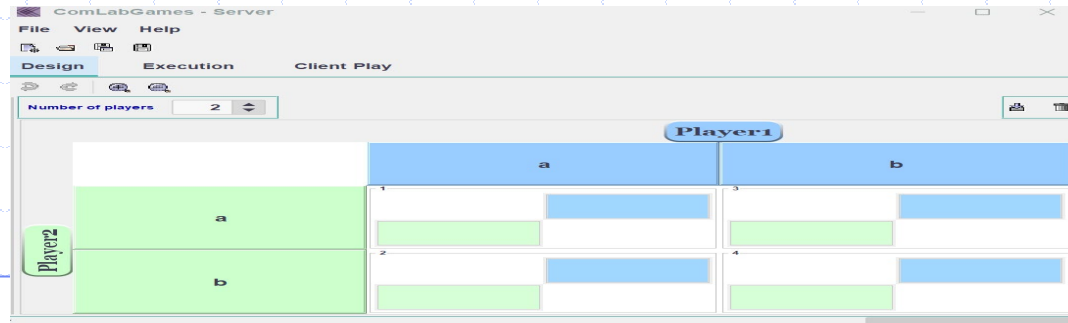
1. Double click on the ComLabGames app  to start the software.
2. The first time ComLabGames prompts you to "Select a type of game" : Click on "Strategic Form Game"



3. The Design window is displayed by default after the first start of the program.

Continuing login instructions

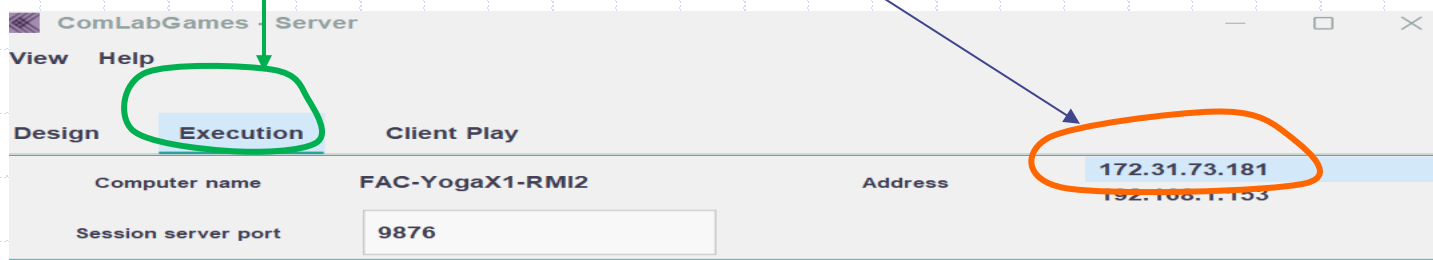
1. After selecting "Strategic Form Game", the design window is displayed.



2. Check that you are connected to CMU (otherwise you will not be able to play the games).

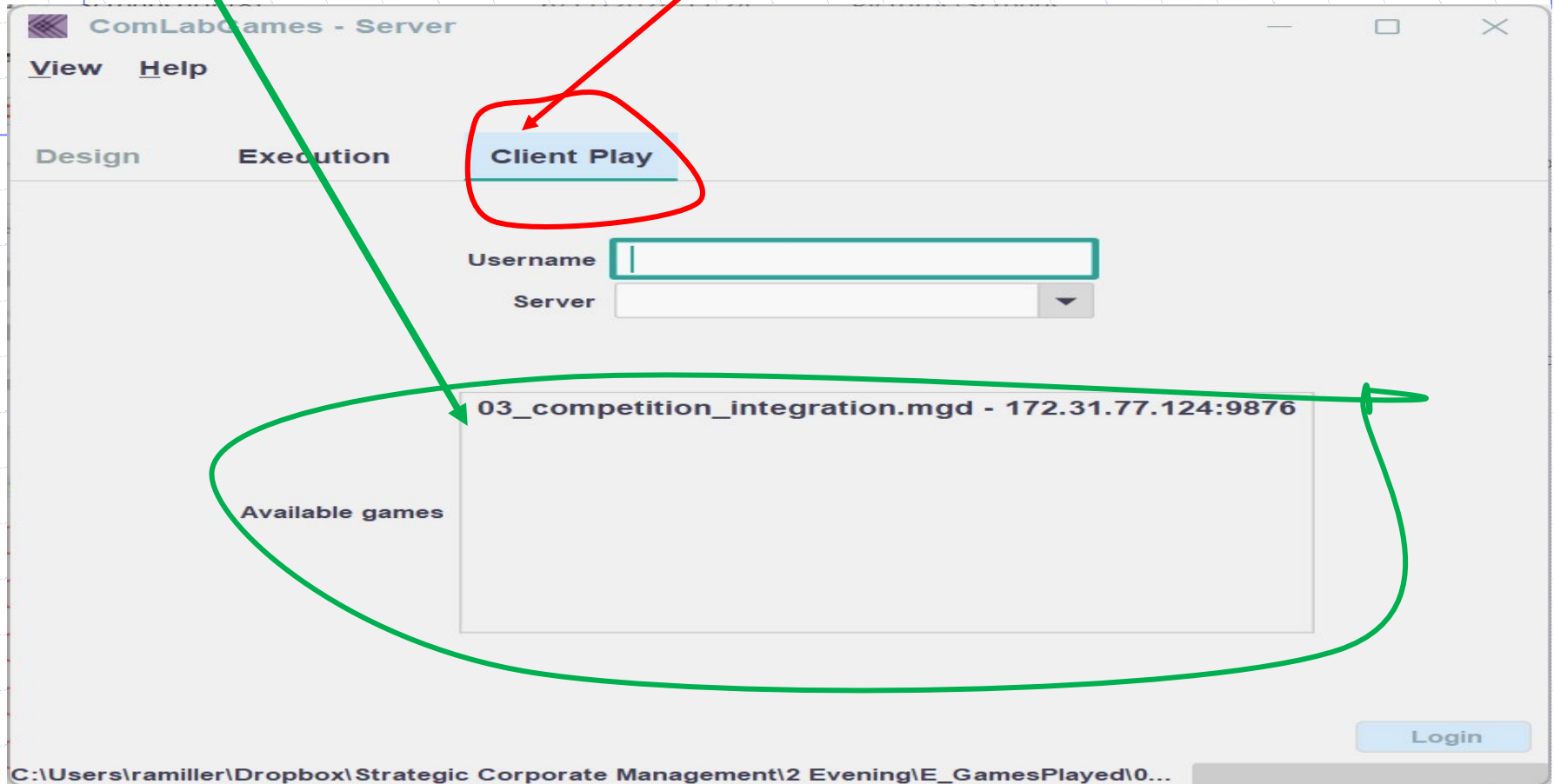
a. Click on **Execution** tap.

b. Address that starts with 172... should be selected (i.e. highlighted in blue).



Continuing login instructions

1. To play a game, click on "*Client Play*".
2. Click on Available games:
"03_competition_integration.mgd..."



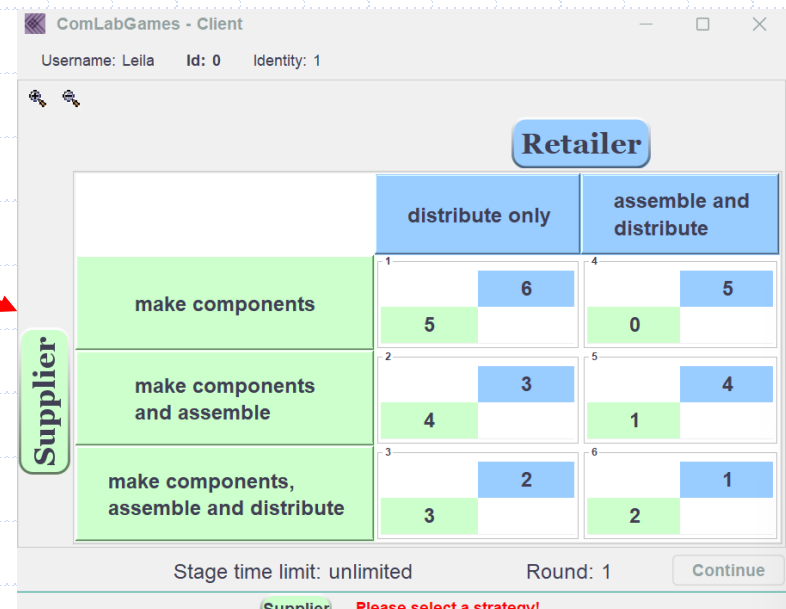
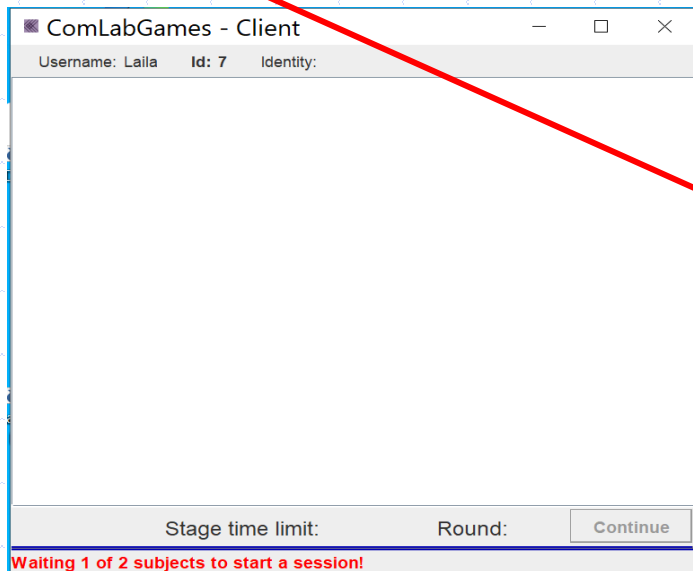
How to login

1. Server address: 172.31.77.124:9876 should appear automatically after selecting "03_competition..."
2. If not, type 172.31.77.124:9876 in Server.
3. Then write your (proxy) name under "Username".
4. Click on "Login" to start playing the game.



Game windows

1. Two subjects must login to start the illustrated game.
2. The first subject to login will see a **blank screen** with username: `Username: Laila` above.
3. When the required number of subjects login the **strategic form** replaces the blank window.



Selecting a strategy

1. Moving the mouse between rows/columns without clicking highlights the player's alternatives.
2. Clicking on row/column selects a strategy: if you are a row (column) player that **row** (column) will be highlighted.
3. You cannot cancel a selection.

ComLabGames - Client
Username: Leila Id: 0 Identity: 1

		Retailer	
		distribute only	assemble and distribute
Supplier	make components	5 6	0 5
	make components and assemble	4 3	1 4
	make components, assemble and distribute	3 2	2 1

Stage time limit: unlimited Round: 1 Continue

Supplier Please wait for other players to make their choices!
Waiting 1 of 2 subject(s) to proceed the session!

ComLabGames - Client
Username: Joan Id: 7 Identity: 2

		Retailer	
		distribute only	assemble and distribute
Supplier	make components	5 6	0 5
	make components and assemble	4 3	1 4
	make components, assemble and distribute	3 2	2 1

Stage time limit: unlimited Round: 1 Continue

Retailer Please wait for other players to make their choices!
Waiting 1 of 2 subject(s) to proceed the session!

Results from strategy selection

1. Once both subjects made a selection the payoffs are highlighted.
2. The outcome cell counter is displayed in red.

ComLabGames - Client
Username: Leila Id: 0 Identity: 1

Supplier

	Retailer	
	distribute only	assemble and distribute
1 make components	5, 6	0, 5
2 make components and assemble	4, 3	1, 4
3 make components, assemble and distribute	3, 2	2, 1

Stage time limit: unlimited Round: 1 [Continue](#)

Supplier Please click Continue!

Waiting 2 of 2 subject(s) to proceed the session!

Competition through integration

◆ In this game, a specialized supplier of components for a durable good has the option of integrating downstream.

◆ The supplier, for example, could start its own dealerships.

◆ A retailer who markets the good could integrate upstream and produce its own store brand.

		Retailer	
		distribute only	assemble and distribute
Supplier	1 make components	5, 6	0, 5
	2 make components and assemble	4, 3	1, 4
	3 make components, assemble and distribute	3, 2	2, 1

◆ The supplier's profits are higher if the retailer only distributes.

◆ The more integrated the supplier, the lower the retailer's profits.