Login instructions for auction game

. To play a game, click on "Client Play".

Click on Available games: "01_strategic_equivalence..."

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esign V	iew As	signment	Execution D	ata Client	Play	
		Username				
		Server			-	
		· · · · · · · · · · · · · · · · · · ·				
	01	_strategic_e	equivalence_firs	t_dutch.mgd	128.237.104	189:9876
	games					
Available						
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Required steps to login

1. Server address: 128.237.104.189:9876 will appear automatically after selecting "01_strategic...". If not type 128.237.104.189 in Server ¥ 2. Write a username. 3. Click on "Login". ComLabGames - Serve \times View Help Design Assignment Execution Client Play View Data Username Ari 128.237.104.189:9876 Server Y. 01 strategic equivalence first dutch.mgd - 128.237.104.189:9876 Available games Login :\Dropbox\Trade and Investment Strategy\45-871 Games\01 week_games\0.

Auction window

- 1. In this example four subjects need to login to start the auction game. The first three subjects to login will see a blank screen.
- 2. When a required number of subjects login, the auction window replaces the blank window.

ComLabGames -	- Client					
Username: ari	Id: 1 Io	lentity:				
						7
	+					-
	Stage t	ime limit:	Rour	id:	Continue]
Naiting 3 of 4 sub	jects to star	t a session! 🛛 🧹				

Auction window and instruction window

Instruction and auction window appears on your screen.
 To close the instruction window click on "x". To retrieve it click on "Description".

ComLabGames - Client	🛛 🗙 🖉 ContabGames - Client – L
Description Username. ari kt: 12 Identity: 1	Username: ari kd: 12 identity: 1
First Price Sealed Bid Common Value Auction Number of companies participating: 4	Instructions for First price sealed bid auction and for Dutch auction
Your signal is: 806.95 . This signal is randomly drawn from the inte	You are about to participate in an auction for oil-drilling rights in Gulf of Mexico. You do not know exactly what the project would generate in terms of financial value if you win this contract. You know that the common value, denoted by v, would be between \$500 and \$1,000 (millions). Operationally, a computer will generate a random number between \$500 and \$1000, so that any number in this range is equally likely.
- 100) to (v +100). Each signal is equaly likely. Each of you gets a different signal.	During the auction you will not know what the exact common value. Instead, you will be receive a signal. This will narrow down the range of possible values for determining your bid, denoted by
Place your bid and click Enter.	b. There are 4 companies, counting your company, involved in this auction. Each of you gets
The highest bid wins the auction!	a different signal. We generate the value of a signal from the common value, and a random variable, epsilon (ε). So, the signal that you get will be somewhere between ($v - \varepsilon$) and ($v + \varepsilon$). Any number in this interval has an equal chance of being drawn. The value of ε is \$100. If you win the auction, your profit is: Common value minus price. This can be a gain or a loss.
Stage time limit unlimited Round 1	First Price auction
Player type:consortium (1) Please make a move now!	
ing 4 of 4 subjects to proceed the sussion:	Each bidder submits a bid simultaneously. Once everybody submits a bid the auction is closed. The bidder with the highest bid wins the license for drilling rights and pays the amount she bid. The other bidders neither pay nor receive anything.
	PROFIT = COMMON VALUE - THE HIGHEST BID
	If the difference is negative, it represents a loss. If you lose the auction, you will receive zero.
	Dutch auction
	Each 3 seconds the auctioneer places consecutive limit order order that lowers the price of
	the auctioned item by 🔽 dollars until the first bidder clicks on 🛛 Buy 🔲 button. At that time
	the auction concludes. A company who submitted a market order to Buy 🔲 buys the rights to
	drill at the current (most attractive) limit order price. The winning company's profit is the common value minus the current limit order price. The other companies neither pay nor receive anything.

Write a bid in a first price sealed bid auction 1. Write a number and click Enter (you can enter decimal number like 800.25). 2. After submitting the bid, your bid should be colored in red. omLabGames - Client Description Username: ari ld: 12 Identi /: 1 Description ld: 12 Username: ari Identity: 1 First Price Sealed Bid Common Value Auction First Price Sealed Bid Common Value Auction Number of companies participating: 4 Number of companies participating: 4 Your signal is: 806.95 This signal is randomly drawn from Your signal is: 806.95 . This signal is randomly drawn from the interval (v - 100) to (v +100). Each signal is equaly likely. Each of you gets a the interval (v - 100) to (v +100). Each signal is equaly likely. Each of you gets a different signal. different signal. Place your bid and click Enter. 800 Place your bid and click Enter. The highest bid wins the auction! The highest bid wins the auction! Continue Stage time limit unlimited Round: 1 Stage time limit: unlimited Round: 1 Continue Player type:consortium (1) Please wait for other players to make their choices Player type:consortium (1) Please make a move now! Vaiting 3 of 4 subject(s) to proceed the session!



Dutch	auction page	
 Every 3 s The first s the drillin ComLabGames - Clie Description 	Seconds limit order price is lowered by \$20. subject in a session who click on Buy D buy ng rights. Username: ari Id: 12 Identity: 1	S ×
Your signal is: (v +100). Each e a project.	Number of companies participating: 4	00) to nate of ts.
Each 3 secon price of the auction button. At that tin to Buy D buy	nds the auctioneer places consecutive limit order order that low ioned item by 20 dollars until the first bidder clicks on Buy me the aution concludes. The bidder who submitted a market of itys the drilling rights at the current (most attractive) limit order p	rder orice.
	Stage time limit: 1 Round: 1 Player type:consertium (1) Please make a move now!	Continue

Sur	nma	ry pa	age					
ComLabGame	s - Client							- 🗆 >
(1) Descript	tion User	mame: ari lo	d:12 Identity	: 1				
	Summary							
For both aud	For both auctions, your signal was 806.95 , and common value (v) was 791.33 .							
Sealed bid a	uction: Th	e winning k	bid was 80	0, your bi	d was 800	and your	prifit is 🚺 .	
clicked on Buy and your prifit is 51.33 . Below is the list of all the decisions, valuations, prices, and profits for all sessions.								
Player's us	s 806.95	V 791.33	b first price	Winning bi 800	Profit first	.Dutch Buy	Winning bi	51 33
ari1	704.03	791.33	760	800	0		740	0
ari2	839.16	791.33	800	800	-8.67		740	0
ari3	774.25	791.33	750	800	0		740	0
	Stage time limit: unlimited Round: 1					Continu		
Camo ie ovor	Player type:consortium (1)							