

# Assignment Project Exam Help CW15tpstepp Designer. feynpoints

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This lecture is meant to give you some high-level advice and a few concrete examples.

I'm going to describe the coursework problem structure in such a way that it can be used in relatibility what you have learn to far OCET. COTT

I will then present two scenarios in which this is very clear.

## I will talk about how to improve the strategy you submit. Add WeChat powcoder



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- Each of the auction games is a finite extensive game with simultaneous moves.
- At each round, the game you play is a one-shot game, against the other participattings://powcoder.com

  At each round, each gam you play DEPENDS on the games played before.
- - Who has won which items

  - How much money everyon has
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- auction type
- the items split and to whom and for how much er.com
   the budget let to everyone
- the amount of items available

• the order in which the items will appear next.

You know To form fact, an Eyou can earlie the SWCOCET



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We haven't covered everything Do your own research!

Theory is the key, but you need to work on adapting it to your specific problem.

- How hot tanister for example of earn com
- The bids you make are not independent from the budget you have, obviously.
- Neither are they independent from what others have.
- R.P. Marend J. Wile Chat powcoder
  Auctions and Bidding.

Journal of Economic Literature, 25(2):699–738, 1987.



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You know what utility means:

- in win-lose games
- in galattps://tpowcoder.com
- you know money does not matter in the end

You know what maximises means.

The course work should the work expected the powcoder

USE WHAT YOU KNOW, ESTIMATE WHAT YOU DO NOT

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## Assignment Project Exam Help You can in Proje

You can in theory solve the game by brute torce. Except there are k'' possible choices at the first round, where k is the set of possible bids and n the number of bidders, and the game can go on for 200 rounds.

#### However, the tate in Strant condet Who Coder. Com

- In certain situations it is very clear what to do.
- In certain situations it is very clear what to do given that at the next stage it is very clear what to do.
- etc...Add WeChat powcoder

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Suppose you are playing the [3,2,1] game and everyone has:  $\{2vG, 2P, 1R, 1DV\}$ .

Your budger is 200 playour openents have 190 der.com A van Gogh is auctioned.

You have 199 bad moves, no matter the auction type.

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#### Engames (ii)

## Anshesignificenter Peroject Exam Help You are one of Ann's opponents. None of you has anything, but the budget is 50 each.

A van Gogh is auctioned.

This is one of the project of the state of t

Do you top Ann's potential all-in? Or do you hope others will?

If everybody free rides and Ann is in the right mind, then she wins.

It's important (real that ies ex broken automy populare on you might want to take the risk to free ride, or not. You need to estimate that. It goes without saying that the attitude to risk needs to take into account the other participants, if any.

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Waiting will make you gain lots of precious knowledge, for instance the fact that

someone else is going to win next.

Different games transfer places of period of the place of th

It seems to me (but I might be wrong) that the [3,2,1] game rewards aggressive play, the other game patience. Find out.

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Test your strategy against other strategies.

But do not make the mistake of optimising against the strategy cause you want to play well against Alles rategies thrown at you.

Please do read the spec carefully and adhere to plagiarism related regulations. I will be very strict. The coursework is your own work, full stop.

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