

CS 335: Constraint Satisfaction Problems

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1 TASK

- ~~There are five houses.~~
- ~~The Indian lives in the blue house.~~
- ~~The Pakistani owns the parrot.~~
- ~~Beer is drunk in the green house.~~
- ~~The Mexican drinks Horcahta.~~
- ~~The green house is immediately to the right of the yellow house.~~
- ~~The cricket player owns a monkey.~~
- ~~Jogging is the preferred sport in the red house.~~
- ~~Tea is drunk in the third house.~~
- ~~The American lives in the first house.~~
- ~~The person with a racoon lives next to the swimmer.~~
- ~~The jogger lives next to the owner of a dog.~~
- ~~The Polo player drinks milk.~~
- ~~The German likes soccer.~~
- ~~The American lives next to the White house~~
- Now, who drinks water? Who owns the fish?
- In the interest of clarity, it must be added that each of the five houses is painted a different color, and their inhabitants are of different national extractions, own different pets, drink different beverages and practice different sports. One other thing: in statement 6, “right” means your right.

2 MUST HAVE

Your work must comply with the following:

- Done in a computer, not by hand.
- Respect all conventions for states.
- Show your work **step by step** on a table

Not complying with these will result in discounts.

3 SUBMIT

ONE PDF (not Word (docx), Pages, Libre Office, text, etc.) with all of your answers. If you are working on Word, to make a PDF you should select “Save As” from the “File” menu and select PDF on the filetype drop down box.