CSE - 103

Discrete Mathematics

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Chapter 1 Section 2

Question no 38:

__Answer:__ Clues given in the question:

① The English man lives in red house

⑪ The spaniard owns a dog

⑪⑪ The japanese man is a painter

⑪ⓥ The Italian drinks tea

ⓥ The Norwegian lives in the first house on the left.

ⓥⒾ The green house is immediately to the right of the white one.

ⓥⒾⒾ The photographer breeds snails.

ⓥⒾⒾⒾ The diplomat lives in the ~~middle~~ yellow house.

Ⓧ Milk is drunk in the middle house

ⓧ Owner of green house drinks coffee.

(XI) The Norwegian's house is next to the blue one

(XII) The violinist drinks orange juice.

(XIII) The fox is in a house next to that of the physician.

(XIV) The horse is in a house next to that of the diplomat.

Now make a table consisting the number of houses, their color, nationality of the people, their favourite drink, their pets, their jobs.

House	1	2	3	4	5
Color:	Yellow	Blue	Red	White	Green
Nationality:	Norwegian	Italian	English	Spanish	Japange
Drink:	Water	Tea	Milk	Orange Juice	Coffee
Pet:	For	Horse	Snail	Dog	Zebra
Job:	Diplomat	Physician	Photographer	Violinist	Painter.

The Question was whose favourite drink was water and who owned the zebra?

The answer is The Norwegian likes water and the Japanese has a zebra.