Question4\_Prithvi

Fantasy World

The Koh-i-noor Diamond Has Been Stolen form the Tower of London. To reduce the political turmoil between India and the UK, you, the wise owl and Sherlock were assigned on this case.

By the time you reached Britain, Sherlock found 21 clues and left them for you to solve, the 21 clues are:

1. There are 5 primary suspects who have been placed in 5 consecutive cells
2. Each cell’s interior is of a different colour
3. Each suspect has a gemstone with them (one of which is the Kohinoor)
4. Each suspect is of a different nationality
5. Each of them has a different car
6. Each of them prefers a different beverage
7. The Brit is in the red walled Cell
8. The Swede has a pearl.
9. Dane prefers tea
10. The cell with green walls is directly to the left of the cell with white walls
11. The suspect in the green walled cell prefers coffee
12. The suspect who owns BMW has a ruby stone
13. The suspect in the yellow walled cell owns an Audi
14. The person in the central cell drinks milk
15. The American is in the first cell
16. The suspect owning a Ferrari is the cell next to the suspect whose has an emerald
17. The suspect whose has a sapphire is in the cell next to the man who drives an Audi
18. The man who drinks red wine drives an Alpha Romeo
19. The German owns a Porsche
20. The American is in the cell next to the one with blue walls
21. The suspect who prefers water is next to the suspect who drives a Ferrari.

1)Find who the thief is!

2)Whose Nationality do we not know?

Solution:

1) the thief is the German

2)We do not know the nationality of the suspect driving a ferrari.

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|  | Cell 1 | Cell 2 | Cell 3 | Cell 4 | Cell 5 |
| Wall | Yellow | Blue | Red | Green | White |
| Nationality | American |  | Brit | German | Swede |
| Beverage | Water | Tea | Milk | Coffee | Red wine |
| Car | Audi | Ferrari | BMW | Porsche | Alpha Romeo |
| Gem Stone | Emerald | Sapphire | Ruby | Diamond | Pearl |