

The Paradox Heist

A Logic Puzzle

You are an undercover agent who has covertly infiltrated the *Vienna Ball of Sciences*. A criminal organization known as *The Paradox* is planning to steal a priceless manuscript from the *VCLA* stand. This manuscript contains revolutionary proof that $P=NP$, a result that, if made public, would shatter modern cryptography and plunge the digital world into chaos. Five members of *The Paradox* are here tonight, hiding in plain sight among the waiting guests.

List of available options:

CODENAME	TABLE	DRINK	GADGET
 Lovelace	1	Aperol Spritz	Lockpick Set
 Russell	2	Whiskey Sour	Glass Cutter
 Turing	3	Gin & Tonic	Smoke Bomb
 Gödel	4	Mojito	Grappling Hook
 Curie	5	Margarita	Signal Jammer

Using the clues on the right, can you figure out for each thief what their codename is, at which table they are seated, what drink they are sipping, and what gadget they are concealing within their formal attire? 1. All variables may only be used once. 2. The puzzle has one solution only. The fastest person to solve the puzzle will receive a prize at the VCLA stand! (Der Rechtsweg ist ausgeschlossen.)

Clues:

- 1. The thief at **Table 3** does not have the **Glass Cutter**.
- 2. The thief with the **signal jammer** does not like **Whiskey Sour**.
- 3. The five members of **The Paradox** are the thief codenamed **Curie**, the one at **Table 5**, the one sipping a **Margarita**, the thief hiding the **Lockpick Set**, and the one with the **Glass Cutter**.
- 4. Of the thief with the **Grappling Hook** and the one codenamed **Curie**, one is at **Table 4** and the other is sipping a **Margarita**.
- 5. **Gödel** does not like **Aperol Spritz**.
- 6. The thief who drinks the **Margarita** is either the one concealing the **Smoke Bomb** or is codenamed **Turing**.
- 7. The thief with the **Aperol Spritz** is at a table one number lower than that of the thief hiding the **Grappling Hook**.
- 8. The thief sipping the **Whiskey Sour** is at a table two numbers higher than that of the thief with the **Mojito**.
- 9. Of the thief at **Table 1** and the one drinking the **Mojito**, one is codenamed **Russell** and the other **Gödel**.

Ada Lovelace

Bertrand Russell

Alan Turing

Kurt Gödel

Maria Curie

Wiener Ball der Wissenschaften

VCLA

TU Wien

Informatics

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