

Solve this problem programmatically in your language of choice and explain why this implementation is in your opinion the best solution.

Remember: We would like to see your own solution! Cite any sources you use.

Aircraft Refuelling Puzzle

Situation:

- 9 aircraft are parked at an airport and need to be refuelled before they can take off.
- Fuel trucks are used to refuel the aircraft.

Task:

- Place fuel trucks in the grid.
- Each aircraft should have one fuel truck next to it (horizontally or vertically).
- Fuel trucks do not touch each other, not even diagonally.
- The numbers outside the grid show the total number of fuel trucks in the corresponding row or column.

