Exercise 3

At the link <https://www.hexaly.com/benchmark/hexaly-establishes-new-records-for-the-inventory-routing-problem-irp> you can find some benchmarks of IRP based on instances present here <https://www.roadef.org/challenge/2016/en/instances.php> .

1. Implement your strategy to solve IRP, using a classic algorithm or your own heuristic and verify your performance against the benchmark.
2. Ask to openAI chatgpt (ver 3.5 is ok) and / or gemini google to solve the problem (note: not to propose an algorithm to solve the problem but to write directly the solution for you). Again verify the performance of the algorithm against the benchmark (but also plot the solution of the travels obtained, and of the trend of inventories as sometime these AI tools lie! )