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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Hello1> & c:/Users/Hello1/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/Hello1/ecoroute\_optimizer.py"

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ECO-ROUTE: CARBON-AWARE NAVIGATION OPTIMIZER

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Simulating navigation from coordinates (0, 0) to (10, 10).

Generating route options...

Calculating carbon impact for each route...

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ROUTE RANKING (Most Eco-Friendly First)

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1. Route B: 11.41 km, 15 stops, 3.03 kg CO<sub>2</sub>
2. Route C: 12.21 km, 15 stops, 3.19 kg CO<sub>2</sub>
3. Route D: 15.85 km, 19 stops, 4.12 kg CO<sub>2</sub>
4. Route E: 21.02 km, 22 stops, 5.3 kg CO<sub>2</sub>
5. Route A: 19.45 km, 27 stops, 5.76 kg CO<sub>2</sub>

Recommendation:

The most eco-friendly route is Route B.

Expected carbon savings compared to the least efficient route:  
2.73 kg CO<sub>2</sub> (47.4% reduction)

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DETAILED ROUTE ANALYSIS

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Route B:

- Distance: 11.41 km
- Estimated Stops: 15
- Average Speed: 54.79 km/h
- CO<sub>2</sub> Emissions: 3.03 kg
- Eco-Efficiency Rating: Good

Route C:

- Distance: 12.21 km
- Estimated Stops: 15
- Average Speed: 84.49 km/h
- CO<sub>2</sub> Emissions: 3.19 kg
- Eco-Efficiency Rating: Good

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CHAT

Python Python

Build with Agent

AI responses may be inaccurate.  
Generate Agent Instructions to onboard AI onto your codebase.

SUGGESTED ACTIONS

Ask @vscode Create Project

ecoroute\_optimizer.py +

Describe what to build next

Agent Pick Model

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