

Day 11 – Implementing Haversine Formula

Work Done / Learning:

Implemented the Haversine formula in JavaScript to calculate the distance between two locations using latitude and longitude. The output was displayed dynamically on the webpage. Tested accuracy using known city pairs.

Challenges Faced:

Precision errors occurred due to incorrect unit conversions between radians and degrees, which were later corrected.

Conclusion / Outcome:

The distance calculator was implemented successfully, adding mathematical depth to the route-planning functionality.