

Problem set 7

Advanced: Navigation System

Question: Create a program that simulates a simple navigation system. The program should allow a user to input their current position (x, y coordinates) and a direction (north, south, east, west). After the user inputs a direction, the program should update the coordinates accordingly.

Explanation: This problem introduces coordinate systems and user input handling.

Hint: Use `switch` statements to handle different directions and modify the x or y coordinates based on the input.