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Assignment 4 - Exercise 2

Due Date: Nov 12th 2025

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Exercise 2 Class Diagram

Ship

- floating (bool)
- capacity (int)
- name (String)
- owner (String)
- departure Date (String)

Constructors

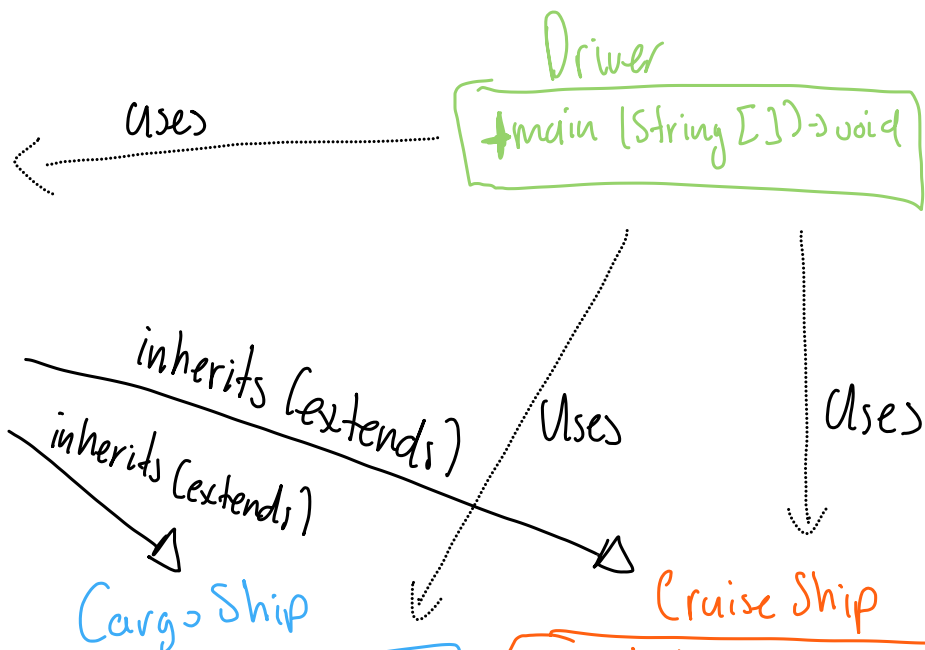
+ Ship (...)

+ Ship ()

+ printDetails () → void

+ move () → void

+ schedule Voyage (...)
↓
void



Cargo Ship

- cargo Type (String)
- loading Method (String)
- numberOfCrane (int)
- cargoValue (double)

+ CargoShip (...)

+ printDetails () → void

Cruise Ship

- ticketPrice (double)
- numberOfRooms (int)
- buffetMenu (String)
- service [] (String[])

+ CruiseShip (...)

+ printDetails () → void