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CS 2050 (M/W)**  
Car Vending Machine Design

# UML Design

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| --- | --- |
| Car class | * Price * Year * Make * Model   Constructors   * Getters |
| Vending machine Class | * Name * Sorting by year method * Read data from file * User input for 2D array * addCar() |
| Driver Class  Main method | * readFromFile() |

# User Story Tasks

## User 1 task addCar()

|  |  |
| --- | --- |
| Pre | Post |
| User input rows: 0  User input rows: 0 Car object: Toyota Add car (1,2) | Error |
| User input rows: 2  User input cols: 2 Car object: Toyota  Add car (1,1) | Added to array of cars |
| User input rows: 2  User input cols: 2 Car object: Honda  Current Cars 1  Add car (1,2) | Added to array of cars |
| User input rows: 2  User input cols: 2 Car object: Subaru  Current Cars 2  Add car (1,2) | Error |
| User input rows: 2  User input cols: 2 Car object: Subaru  Current Cars 2  Add car (5,5) | Error |