

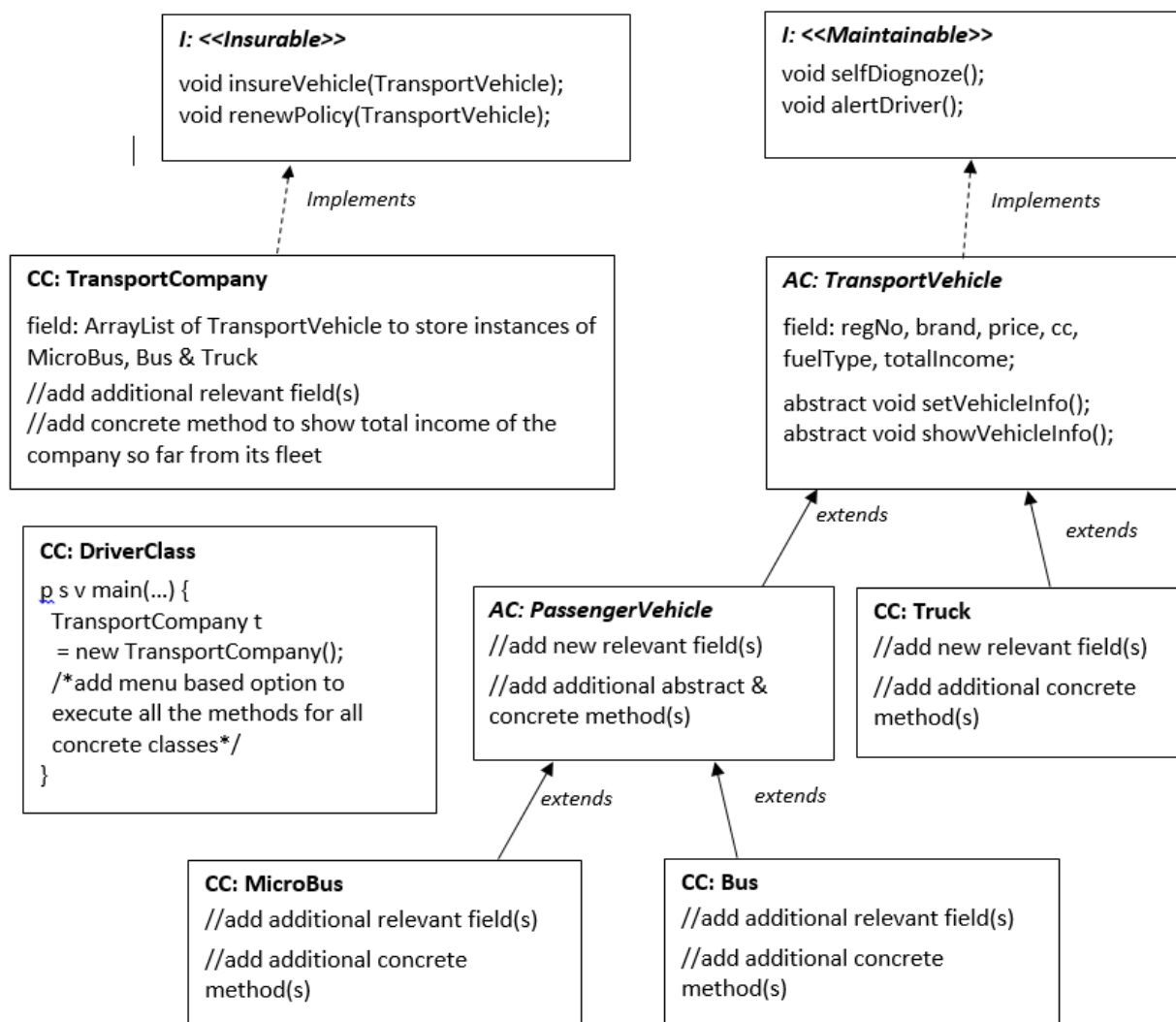
2) Write ALL java files starting from package statement for a java console application, such that your project gets compiled & all menu options of main method works:

Note:

- Interface and all Abstract classes belong to “**abstractpackage**” package
- All concrete/non-abstract classes belong to “**instancepackage**” package
- Add setter/getter methods to the classes, wherever necessary to satisfy menu options of main method. For setter, getter and constructors, you can keep their body as an empty block. But return-type, qualifier and parameter-list of setter/getter/constructor must be properly specified.
- In the implementation block of a method, you don't need to write any actual logic-code. Instead, to save time, just print some appropriate message using “**sout(...)**”. But return-type, qualifier and parameter-list of those methods must be properly specified.

40 Marks:

- Java files for 2 Interfaces X 2 marks = 4 marks
- Java files for 2 Abstract classes X 3 marks = 6 marks
- Java files for 5 Concrete (non-abstract) classes X 6 marks = 30 marks



Menu options inside do-while loop in main() method of DriverClass:

- Press [1] to add a new MicroBus to the fleet & get insurance for the vehicle
- Press [2] to add a new Bus to the fleet & get insurance for the vehicle
- Press [3] to add a new Truck to the fleet & get insurance for the vehicle
- Press [4] to show vehicle info for all the vehicles of the fleet
- Press [5] to self-diagnose a vehicle from the fleet (ask user the reg no of the vehicle)
- Press [6] to renew insurance policy of a vehicle from the fleet (ask user the reg no of the vehicle)
- Press [7] to show total income of a vehicle from the fleet (ask user the reg no of the vehicle)
- Press [8] to show total income of the entire fleet
- Press [9] to exit