BIL 142 LAB 7

Design a 3 classes "Vehicle", "Brand" and "Model".
"Vehicle" is base class.
"Brand" is derived from "Vehicle".
"Model" is derived from "Brand".

Member Fields
For "Vehicle" class:
   private:
- string type (type of the vehicle: car, truck, boat

For "Brand" class:
   private:
- string brand (name of the brand)

For "Model" class:
   private:
- string model (model of the brand)
- int speed (model's top speed)
- int price (model's price)

Member Functions
For all class:
- Default constructor that assigns the values that the user will input from the terminal.
- Another constructor which takes **all member fields(including inherited ones)** as input parameters.
- Get functions for all member fields.

It is forbidden to write any set functions in this lab.
Hint: Initialization list

Important: Add comments to your code and at the top of your code note which compiler you're using in a comment
Suggestion: Writing a main function all functions can be useful for you to check if the code is working(optional).

Upload your code file to 'uzak'.(deadline 21:10)