// Car OO Challenge

// Part 1

class Vehicle {

    constructor (make, model, year){

        this.make = make

        this.model = model

        this.year = year

    }

    honk() {

        return "Beep"

    }

    toString(){

        return `The vehicle is a ${this.make} ${this.model} from ${this.year}`;

    }

}

// Part 2

class Car extends Vehicle{

    constructor (make, model, year){

        super (make, model, year)

        this.numWheels =4; //why s it like this?

    }

}

// Part 3

class Motorcycle extends Vehicle{

    constructor (make, model, year){

        super (make, model, year)

        this.numWheels = 2

    this.revEngine () {

        return "VROOM"

    }

}

}

// Part 4

class Garage {

    constructor (capacity){

        this.vehicles = []

        this.capacity = capacity;

    }

    add (newVehicle) {

        if (!(newVehicle instanceof Vehicle)) {

            return "Only vehicles are allowed in here!";

        }

        if (this.vehicles.length >= this.capacity) {

            return "Sorry, we're full";

        }

        this.vehicles.push(newVehicle);

        return "Vehicle added!";

    }

}