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}.`

    }

}

class Car extends Vehicle{

    constructor(make, model, year) {

        super(make, model, year);

        this.numWheels = 4;

      }

}

class Motorcycle extends Vehicle{

    constructor(make, model, year) {

        super(make, model, year);

        this.numWheels = 2

    }

    revEngine() {

        return "VROOM!!!"

    }

}

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!";

    }

  }