

```
/** Type of vehicle */

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}.`;
  }
}

/** Cars are a type of vehicle with 4 wheels. */

class Car extends Vehicle {
  constructor(make, model, year) {
    super(make, model, year);
    this.numWheels = 4;
  }
}

/** Cars are a type of vehicle with 2 wheels. */

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!";
  }
}
```