

Lab 13

Update lab 11 to overload the > operator to compare your 2 compact automobiles to see which one gets better gas mileage.

Hint: if you invoke a member function for a const object, the member function needs to be a const function. Check out the below link.

<https://www.tutorialspoint.com/const-member-functions-in-cplusplus>

Save your cpp file as lab13.txt and upload to Canvas.

Be sure your name and sample output are included in your file as comments.

Sample output:

```
Constructor: Vehicle  
Constructor: Car  
Constructor: SUV
```

```
Constructor: Vehicle  
Constructor: Car  
Constructor: SUV
```

```
Constructor: Vehicle  
Constructor: Car  
Constructor: Compact
```

```
Constructor: Vehicle  
Constructor: Car  
Constructor: Compact
```

```
Jeep is an SUV that costs 35000. It gets 28 mpg, and says Honk honk.  
Humvee is an SUV that costs 42000. It gets 14 mpg, and says Ahooga!  
Civic is not a truck that costs 22000. It gets 36 mpg, and says Beep beep.  
Road Runner is not a truck that costs 21500. It gets 34 mpg, and says Meep meep!
```

```
Check MPG:  
Civic get better MPG
```