

Report HW5

Manufacturer	Model	Year	Stock	Price	Option
Dodge	Charger	2013	14	\$16,000.00	increment
Dodge					

Figure 2: Example of using increment as well as the filter list

Manufacturer	Model	Year	Stock	Price	Option
Toyota	Rav4	2008	3	\$8,500.00	increment
Toyota	Camry	2009	2	\$6,500.00	increment
Ford	Mustang	2009	1	\$8,000.00	increment
BMW	i3	2012	5	\$12,000.00	increment
Chevy	Cruze	2012	2	\$5,500.00	increment
Honda	Accord	2013	1	\$9,000.00	increment
Hyundai	Elantra	2013	2	\$7,000.00	increment
Dodge	Charger	2013	2	\$16,000.00	increment
Chevy	Malibu	2015	2	\$10,000.00	increment
Toyota	Tacoma	2016	1	\$22,000.00	increment
All					

Figure 1 : example of the list filter by clicking on year

Manufacturer	Model	Year	Stock	Price	Option
Toyota	Rav4	2008	3	\$8,500.00	increment
Toyota	Camry	2009	2	\$6,500.00	increment
Toyota	Tacoma	2016	1	\$22,000.00	increment
BMW	i3	2012	5	\$12,000.00	increment
Chevy	Malibu	2015	2	\$10,000.00	increment
Honda	Accord	2013	1	\$9,000.00	increment
Hyundai	Elantra	2013	2	\$7,000.00	increment
Chevy	Cruze	2012	2	\$5,500.00	increment
Dodge	Charger	2013	2	\$16,000.00	increment
Ford	Mustang	2009	1	\$8,000.00	increment
All					

Figure 3: Normal Table Status

Manufacturer	Model	Year	Stock	Price	Option
Toyota	Tacoma	2016	1	\$22,000.00	increment
Chevy	Malibu	2015	2	\$10,000.00	increment
Dodge	Charger	2013	2	\$16,000.00	increment
Hyundai	Elantra	2013	2	\$7,000.00	increment
Honda	Accord	2013	1	\$9,000.00	increment
Chevy	Cruze	2012	2	\$5,500.00	increment
BMW	i3	2012	5	\$12,000.00	increment
Ford	Mustang	2009	1	\$8,000.00	increment
Toyota	Camry	2009	2	\$6,500.00	increment
Toyota	Rav4	2008	3	\$8,500.00	increment

All ▼

Figure 4: example of sorted year by clicking on year

My approach was very simple for the table, I'm using the piping option to include the sorting option and filter in table under ng-repeat.

```
ng-repeat="x in cars | orderBy:theColToSort:sortedOrNot|filter:ourfilter">
```

orderBy is angular filter option, the coltoSort is my year column and it takes my Boolean variable sorted or not that would sort from ascending or descending based on you clicking on year. The filter option is just referencing our list structure that is called ourfilter in our controller based on the value set there for the car it will filter the list. In the th flag, I call a function called sortData that I made to my controller that sets our Boolean variable Sortedornot to sort which way, ascending or descending.