**Activity: Views and Stored Procedures for the Cars Table**

1. Create a View for the Cars table that selects cars that are active named ‘CarsActivelyForSale’. Select all records from this view to see the resulting records.  
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2. Create a View for the Cars table that selects cars that are not actively for sale. Name this view ‘InactiveCars’ Select all records from this view to see the resulting records.  
   A computer screen with a white screen

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3. Try making one of the Active cars Inactive. Re-run the ‘InactiveCars’ view to see that each time you run the view, it gives the latest results….So it does not store the results, but the SQL code. Please return the Inactive car to Active again.  
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4. Imagine we are going to create a list of active cars but only the ones that are 4 cylinders, below 100,000 miles, and below $10,000. Select the records from the existing view that matches your needs.  
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5. Adjust the Query using the ‘InactiveCars’ from #3, to find all Inactive cars with a price below $6500 and re-run the search.  
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6. Create a Stored Procedure (SP) that does the same type of search as ‘CarsActivelyForSale’, but in a form of a Stored Procedure named ‘SP\_ CarsActivelyForSale’. Execute this SP and make sure the results match the View results.  
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7. Now, think about this same stored procedure that would allow the user to specify the number of maximum price as a parameter, so you could have a bunch of different options other than just active cars. Make this SP and name it ‘SP\_ActiveCarsBelowPrice’. Try executing it with $15,000, $10,000, and $7000.  
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8. One last SP for now. Think of some of the specifications you might go into a used car salesperson with. Maybe your primary concerns are low mileage, how many cylinders, and maximum price. Create a SP that receives 3 parameters, two ints, and a float ( maxMileage, cylinders, maxPrice). Name it ‘SP\_CarswithMilesCylindersPrice’ and execute it 3 times with parameters like:  
   50000, 4, 10000  
   10000, 6, 15000  
   30000, 4, 7500

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