**QA automation code challenge**

**Requirements**

1 place your code in a GitHub repo that can that we can clone

2 Use Selenium Webdriver with Java (or a language or your choice)

3 Use BDD framework of your choice

4 use TestNg or JUnit as your underlying testing library, either is fine

**Coding exercise :**

Using Chrome browser for your automation, go to [www.autotrader.com](https://www.autotrader.com/) and automate the following steps,

1. **On the home page, Verify that the following types of elements are present:**

* Links: rose by make, browse by style, advanced search
* Buttons : search
* Drop downs: make, model

1. **Click on the ´advanced search ´ link on the home page and do the following :**

* Enter 30004 in the ´zip code ´test box
* Select the certified checkbox under condition
* Selected convertible checkbox under style
* Update the year dropdown menus as follows column select 2017 as from here and select 2020 as two year

1. **Select make as “BMW” under make , model & Trim section**
2. **Click the button search at the bottom of the page**
3. **You will see some results/listings in the next page**
4. **Assert that you see only BMW cars in the results page**
5. **Log to the console, the total number of cars /listings you see in the results page**

**What We're Looking For**

What's your style? How do you approach this project? Expect that the initial interview will involve talking about the choices you made.

***How do you want the output to look*** -if you have a lot of time and want to show off your reporting skills, feel free to do so. Have less time ? Print out data /results that we are looking for directly to the console and indicate whether your tests were successful or not -this isn't about scoring bonus points with us, it's about showing us you know the bare minimum and giving us something to chat about during the subsequent interview .