AIM:

There are two things that the scripts here were made for:

1 TO CHECK THE NUMBER OF RACES FOR ANY YEAR - this is something to use if you want to be the person who's want to prove you're an F1 fanatic by telling people you can say how many races happen on any year or particular seasons. When you run this, you will be asked for a year to check. Note that I did not add validations for this part since this is meant to be confirmed on the 2nd part of the code below.

2 TO CHECK IF WHAT YOUR F1 FANATIC FRIEND SAID IS TRUE - use this if you have that friend who claims that he is the fan in #1 to know if his claims are correct or not.  I also added some validations to filter if the values entered by the user are valid or not. When you run this, it will ask first for a year, followed by a season. If the values entered are valid, it will check the data in the endpoint and search how many races happened in the given year and if the claims of your friend is true or not. Validations were based on the API documentation that it only supports 1950 onwards and shows only 2-digits for the number of races per year.

Other parts:

INITIAL CHECK - this was just made initially to check the number of races for 2017 while trying out getting values with Json since XML seems to be the default.

Note: I created some functions so that the pop-up will be displayed and will get new values from the user if the values entered initially are not valid for any reason

How To Use f1Fanatic.js:

The code parts here are to be pasted on Console to run and try

1. Open a browser and go to any page like “Google.com”. Make sure that the path is shown on the address bar. Note, this may not work for strict sites like Accenture’s site due to it’s security policy.
2. Press Function(or fn on some keyboards) key + F12 to open the Dev Tools, then click Console if it’s not selected by default.

Graphical user interface, application

Description automatically generated

1. Go to the folder where you downloaded the f1Fanatic.js.
2. Right-click. Select Open With and choose whatever text editor you prefer. Here’s a screenshot with VSCode selected:

Graphical user interface, text, application, email

Description automatically generated

1. You should see a color-coded version of the code with comments to know which portion of the code you can use for a particular task. Like if you just want to check that the API connection works, you can copy this part and paste it on the console.

Text

Description automatically generated

1. Go back to the browser and paste it under the console area.
2. Press Enter. You should be able to see the data generated by the query either via an alert/pop-up or under the console as a log line. Here’s the output for code used above which will check the number of races for 2017. If there’s an error, it’s either the page that hosts the API is down or you may have some issue with your internet connection.

Graphical user interface, text, application

Description automatically generated

To check the number of races for any particular year or seasons so that you can brag to friends how much of an F1 fan you are:

1. Repeat the step above, but this time, use the 2nd code chunk: Text

   Description automatically generated
2. A pop-up will be displayed asking for the season or year you want to check. Just enter any year from 1950s onwards and click OK

Graphical user interface, application

Description automatically generated

The number of races will be displayed in the pop-up and console.

Note: I did not place any validation for this part since I will just be using this to check if any F1 fanatic friend’s claims they can tell how many races there were per year is true or not bluffing.

To check for the number of races for any year or season:

1. Repeat the step earlier but use the code chunk under “TO CHECK IF WHAT YOUR F1 FANATIC FRIEND SAID IS TRUE”. You will get a pop-up asking for a year (or seasons), just enter a value and click OK.

Graphical user interface, text, application

Description automatically generated

Moving forward, just click OK to the other boxes that will just show you some debug notes for checking the numbers entered or if it will proceed to the next part.

1. Afterwards, enter what your friend said is the number of races for that year.

Graphical user interface, text, application

Description automatically generated

You should get a pop-up that shows if the values given by your friend is true or a lie/false claim. Here are some result samples:

False claim/lie:

Graphical user interface, application, Word

Description automatically generated

True:

Graphical user interface, application, Word

Description automatically generated

Validations:

For this part, I’ve also added validations to filter the following:

1. Year:
   1. Null value or no value entered before clicking OK

Text

Description automatically generated

* 1. Dates before 1950s since according to the API documentation, this is the start of their data

Graphical user interface, application, Word

Description automatically generated

* 1. year entered is more than the current Year

Graphical user interface, application, Word

Description automatically generated

* 1. Note: I forgot to add validation for values entered that are not a year or a mix of letters and numbers. I only realized it now.

1. Race Number:
   1. Null value or no value entered before clicking OK

Text

Description automatically generated with medium confidence

* 1. Race numbers that are 3-digits or more since according to API documentation, it should only have 2-digits

Graphical user interface, text, application, Word

Description automatically generated with medium confidence

* 1. A non-number value entered like characters or mix of letters and numbers.

Graphical user interface, application, Word

Description automatically generated