# [www.CRUISE.co.uk](http://www.CRUISE.co.uk) Technical Task

* Make a single page website
* Website must comprise of
  + HTML
  + CSS
  + JavaScript
* You must parse an input file of forthcoming Cruises and display the results on the page.
* Because of the amount of results you should only load so many results on the screen at a time.
* Then use some kind of AJAX/JavaScript technique to load the rest of the results in chunks/stages.
* Use CSS, HTML and/or JavaScript to display the results in an organised/tidy fashion and so that it responds well whether viewing on a Desktop or Mobile Device (Android/IOS)
* You can optionally use additional programming languages

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Because of the AJAX calls, this site will not be able to read the JSON file to collect data if the HTML page is opened straight on the desktop. The site needs to be on a server or opened with Firefox.

I have concentrated on the responsive design of the website and the loading of the results in stages.

I have used jQuery/AJAX call to load the data from a JSON file in groups, when one group of results have been collected and output to the screen, the call is made again for the next set. jQuery/AJAX was used rather than straight AJAX because of reading from a JSON file.

The responsive design has used Bootstrap for convenience, though for a small page such as this, it would have been more efficient to use straight CSS rather than having to import Bootstrap. For the same reason a straight AJAX call rather than using jQuery would have been preferable.

Normally I would have separated the JavaScript and CSS from the HTML but for this exercise it seemed preferable to keep everything on one script. I had no reason to use any other languages such as PHP.

With a more complete set of test data, the next steps I would have taken would be to add search options, for example by date, destination. I would then proceed to add functionality for clicking on the required cruise for more information or to book.