**Sequel JavaScript exercise**

# Summary

Write a simple application in JavaScript (or a coding language of your choice) that given a number of pennies will calculate the minimum number of Sterling coins needed to make that amount.

Eg. 123p = 1 x £1, 1 x 20p, 1 x 2p, 1 x 1p

# Requirements

* Account for only the common £2, £1, 50p, 20p, 10p, 5p, 2p and 1p coins. Ignore £5 coins.
* The user interface should consist of an input field that accepts an 'amount' string (Eg. 92p, £2.12) and displays the denominations needed when the user hits 'enter'.
* The application must work in the latest version of Chrome.
* All the files required to run the app should be added to Github (or equivalent).
* Please supply a url to your repo when you are finished.

# What we are looking for

* High quality and maintainable code.
* Logical whole commits with good commit messages
* Accessible, semantic, valid HTML.
* Well documented and commented code where necessary.

# Test Data

In the first column is a string of user input, and in the second the desired integer expressed as pence.

|  |  |
| --- | --- |
| Input | pence |
| 5 | 5 |
| 96 | 96 |
| 187p | 187 |
| 4p | 4 |
| 1.25 | 125 |
| £3 | 300 |
| £20 | 2000 |
| £2.34p | 234 |
| £2p | 200 |
| £2.p | 200 |
| 002.42 | 242 |
| 5.789 | 579 |
| £2.7524896352 | 276 |

\* Should handle none valid inputs in a sensible way