JPL/Caltech Virtual Summer School – Big Data Analytics

The exercises related to the Best Programming Practices module are described here.

Exercises:
The two exercises are somewhat meta. They do not directly use what we learnt in the class, but you have to use those as tools with whatever you have learnt already.

(*1*) You may work in teams for this in a cooperative manner using a tool like bitbucket. Use any programming language. This problem is from the Project Euler website (*https://projecteuler.net)*.
(*a*) Write a program to count number of ways to split an amount using coins of denominations 1,5,10,25;
(*b*) For numbers 1 through 100, sum those for which the answer to *1a* is an odd number.
(*c)* Is it odd or even?

(2) Duplicate as much as possible the following using only Unix commands:
http://lifehacker.com/5898720/a-better-strategy-for-hangman
(*Use commands that can count words, wordlengths, get words starting with some letter, those that contain such-and-such letter etc.)*