Lab: Implement 3.6 and 3.7 and grok W3X

3.6: *In the past, Australia had coins in denominations of 50c, 20c, 10c, 5c, 2c, and 1c. Write a program that reads an integer amount of cents between 0 and 99 (your program might check for valid input) and print out the coins necessary to make up that amount of money.*

3.7: *Extend your "Fahrenheit to Celsius" program by adding in the reverse transformation. For example:*

```
H:>converter
Enter a temperature: 212C
The temperature 212.0C converts to 413.6F
```

How about extending further for more units: M (miles), K (kilometers), P (Pound), G (kilogram)?

Finished?
Then do exercises in grok W3X and/or see next page for a funny exercise.

Additional Exercise: Create A Quiz
(For those who have finished all W3, W3X grok work)

Write a program to perform your own quiz with around five questions. A question can require a number as an answer (e.g: what is the next number after 1 2 4 8?) or a selection (e.g. which choice (A, B, C, or D). After each question you should let the user know if she/he is correct. And, at the end of the quiz, you should print the percentage of questions the user gets right. See example on the right.

```
Fun time!

What printf("%d\n", 5%2) prints out? 1
Correct!

Who is current Victoria's premier:
A Alistair   B Dan   C Scott   D Anh
? A
No

How many seasons in "Game of Thrones":
A 7       B  4       C  8     D  6
? C
Correct!

What is the output of:
if (0==1);printf("0=1 "); printf ("haha\n");
A  0=1 haha     B haha    C  <empty>
? haha
No

Not bad! You got 2 answers right.
Your score is 50%.
```