

Command Line Exercises

Make Change

Write a command line program which prompts the user for the total bill, and the amount tendered. It should then display the change required.

```
Please enter the amount of the bill: 23.65 <br/>
Please enter the amount tendered: 100.00 <br/>
The change required is 76.35
```

Martian Weight

In case you've ever pondered how much you weight on Mars, here's the calculation:

$$W_m = W_e * 0.378$$

where 'Wm' is the weight on Mars, and 'We' is the weight on Earth

Write a command line program which accepts a series of Earth weights from the user and displays each Earth weight as itself, and its Martian equivalent.

```
Enter a series of Earth weights (space-separated): 98 235 185

98 lbs.on Earth, is 37 lbs.on Mars.
235 lbs.on Earth, is 88 lbs.on Mars.
185 lbs.on Earth, is 69 lbs.on Mars.
```