Erratalist for 4th Edition of A Primer on Scientific Programming with Python

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Page 4. The one-line program to be written in a text editor must have `t**2` and not `t^2`.

Page 95. In the program `c2f.py`, the `print` statement has a wrong formatting of the `F(C)` value: `%.51f` must read `%5.1f`, i.e., the same formatting as used for the `C` value.

Page 99. Heading in Section 3.1.5 should be *Function argument or global variable?* (*or* instead of *of*).

Page 130. In Exercise 3.6, Equation (3.10), the sum must be $\sum_{i=0}^{n-1}$.

Page 158. The terminal output for the integral $\int_0^{\pi/2} \sin x \, dx$ should read `1`, not `0.583009`.

Page 189. In the `mymod.py` module, an `import sys` is needed in the test block before `print add1(float(sys.argv[1]))`.

Page 189. The last code showing the test block of the `interest` module needs two corrections: division by 365 if the expression for `years` and an `f` in the `print` statement:

```
if __name__ == '__main__':
    import sys
    p = float(sys.argv[1])
    years = days(1, 2, p)/365.0
    print 'With p=%.2f it takes %.1 years to double' % (p, years)
```

Page 273. In the first code block, `x3 = mat(x).transpose()` should be `x3 = mat(x1).transpose()`.

Page 426. The argument in the `rase ValueError` call, after `if c*d <= 0`, needs a final `% other`.

Page 447. The title of the chapter should be *Random numbers and simple games*.

Page 845-846. To succesfully execute the `c2f.py` program, `cmd` must be `python c2f.y 21` or `./c2f.py 21` (if `c2f.py` is an executable file) unless `.` is in the user's `PATH` variable.

Page 846. 2. Under *Split file or folder name*, the name `user` in the text should be replaced by `/home/hpl` according to the interactive session.