

Numerical Computing :: Project One

Execute the following lines in a Python interpreter.

```
>>> x = 9.4  
>>> y = x - 9  
>>> z = y - 0.4  
>>> print(z)
```

What did you get for **z**? What should it be in exact arithmetic? Why is it not what it should be?

See Sauer's *Numerical Analysis* Chapter 0.3.3 for a complete description of the rounding phenomenon.