

pandoc octave filter

This is an example of [Pandoc](#) filters and [loginteractive](#).

Octave

```
>> A = rand(4,4)
A =

    0.30398    0.49598    0.01132    0.76843
    0.10787    0.68408    0.64018    0.49707
    0.07481    0.50634    0.92063    0.56971
    0.75226    0.59261    0.12940    0.89640
```

```
>> v = eig(A)
v =

    2.04738
    0.75377
   -0.22297
    0.22691
```

Python

```
>>> def isPrime(n):
...     for i in range(2,int(n**0.5)+1):
...         if n%i==0:
...             return False
...     return True
...
>>> isPrime(2)
True
>>> isPrime(4)
False
>>> for n in range(2,100):
...     if isPrime(n):
...         print n,
... 2 3 5 7 11 13 17 19 23 29 31 37 41 43 47 53 59 61 67 71 73 79 83 89 97
```