

## pandoc octave filter

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

Octave

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

    0.18322    0.34154    0.18187    0.68599
    0.09547    0.69024    0.26843    0.53090
    0.41785    0.41999    0.58096    0.85484
    0.22714    0.34318    0.68091    0.03429
```

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

    1.66161
    0.34606
   -0.01850
   -0.50047
```

```
>>
```

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
>>>
```