```
1: import theano
2: a = theano.tensor.vector('a') # declare variable
3: b = a + a**10
                                 # build expression
4: f = theano.function([a], b) # compile function
5: print \f([0,1,2])\
                                 # call function
6: # prints 'array([0,2,1026])'
7:
```