

```
1: import numpy
2: import theano.tensor as T
3: from theano import shared, function
4:
5: x = T.matrix()
6: y = T.lvector()
7: w = shared(numpy.random.randn(100))
8: b = shared(numpy.zeros( ( ) ))
9: print "Initial model:"
10: print w.get_value(), b.get_value()
```