

Test Driven Development

The `get_r.py` file contains the method which calculates the interest rate. Using numpy arrays means that scalar and vector cases are taken care of on its own. All the tests pass with 100% coverage. After running the `py.test --cov` file we get:

Name	Stats	Miss	Cover
<code>get_r.py</code>	4	0	100%
<code>test_factor.py</code>	11	0	100%
<code>test_month.py</code>	16	0	100%
<code>test_operate.py</code>	29	0	100%
<code>test_r.py</code>	29	0	100%

The `test_r` file runs with 100% coverage and no errors.