hw7 p2 answer

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1 Assignment 7 part2

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- 1.0.2 Dongcheng Yang

In [3]: !py.test --cov

- 1.0.3 Nov. 20
- 1.0.4 2. Test driven development
- **2(a)** and **2(b)** Here is the code to calculate the interest rate by using the function get_r().

This function could handle both scalars and vector cases of K and L.

2(c) The function get_r() is saved in file "get_r.py" and test cases in "test_r.py". Then I ran "py.test --cov" to test. The coverage is 100% for both files.

```
platform win32 -- Python 3.6.5, pytest-3.5.1, py-1.5.3, pluggy-0.6.0
rootdir: C:\Users\pcc\Desktop\persp-analysis_A18-master\Assignments\A7\problem2, inifile:
plugins: remotedata-0.2.1, openfiles-0.3.0, doctestplus-0.1.3, cov-2.6.0, arraydiff-0.2
collected 244 items

test_r.py ... [ 25%]
... [ 54%]
... [ 84%]
... [ 84%]
... [ summary of the second of
```

test_r.py	29	0	100%
TOTAL	32	0	100%