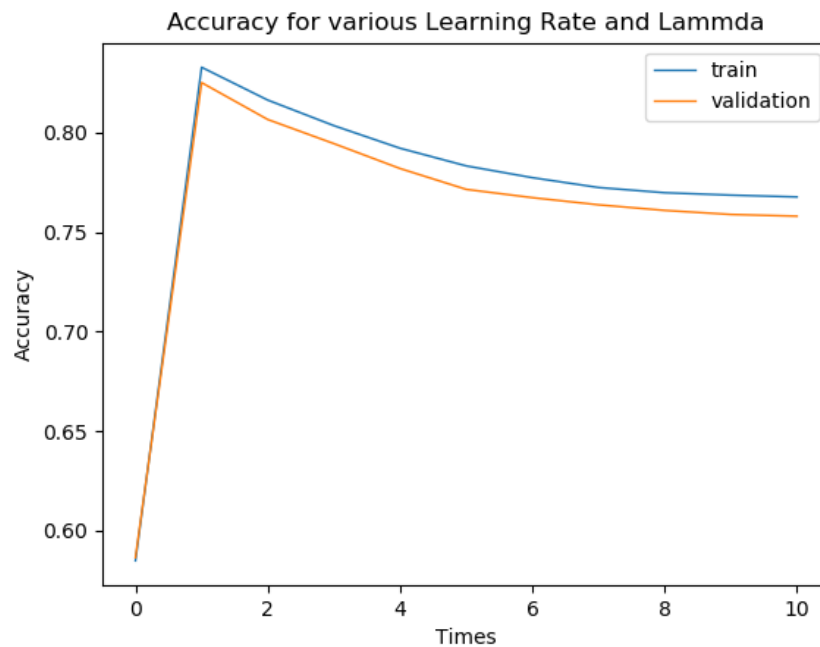


Prat II. Programming

According to Learning rate vs Accuracy graph, we could find that when learning rate = 0.1, lammda = 0.001, the accuracy is best. The best accuracy is 0.8393169.



```
Python 3.6.4rc1 Shell
File Edit Shell Debug Options Window Help
Python 3.6.4rc1 (v3.6.4rc1:3398dcb, Dec 5 2017, 20:41:32) [MSC v.1900 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\zhaoq\Desktop\EE511\HW#2\QIHAN_ZHAO_HW#2\test.py =====
....Training Accuracy: 0.8393169742944013
Validation Accuracy: 0.8393169742944013
.
-----
Ran 5 tests in 18.733s
OK
>>> |
```