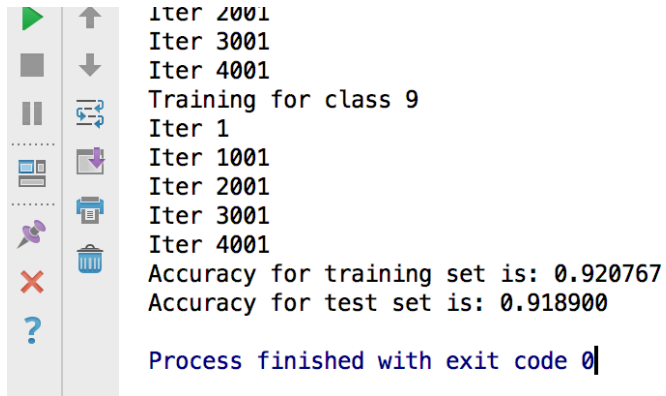## 4.16

a) Using the OvA framework to solve this problem:
   The accuracy of trained model on this training set is 92%

b) The accuracy of this model on a new test dataset is 91%

```
Iter 2001
Iter 3001
Iter 4001
Training for class 9
Iter 1
Iter 1001
Iter 2001
Iter 3001
Iter 4001
Accuracy for training set is: 0.920767
Accuracy for test set is: 0.918900

Process finished with exit code 0
```

For more detail, please read the code file exercise_4_16_hw.py, running it on the python 3.5+