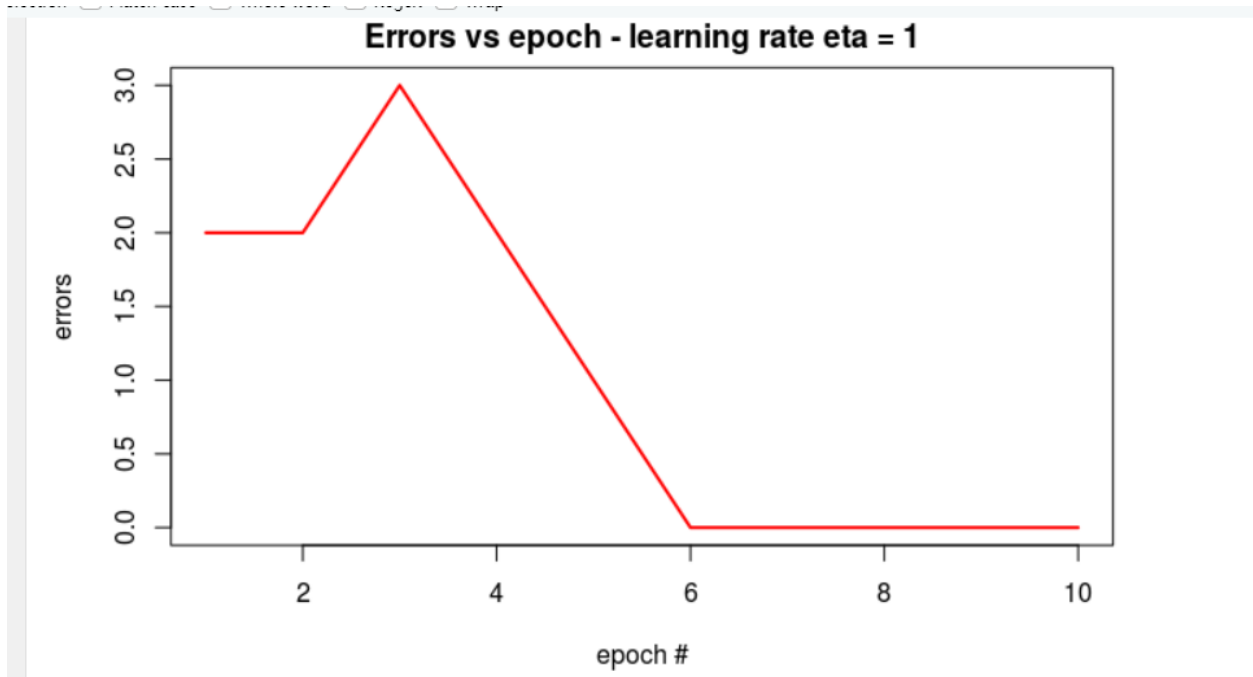


Assignment 3

Jialin kang

The following is the perceptron algorithm result:



and follow is Naïve Bayes classifier result:

```
> table(prediction,  iristest[,5])
prediction      setosa versicolor virginica
setosa           10           0           0
versicolor        0          10           2
virginica          0           0           8
```

From the result we can know

When epoch > 4 perceptron algorithm is better than Naïve Bayes classifier