

Output:

1. The training, testing and prediction (the first time)

Beginning of Training @ 2018-05-06 12:10:26

Training Info

| | | |
|---|---|-----|
| 0 | = | 100 |
| 1 | = | 94 |
| 2 | = | 93 |
| 3 | = | 105 |
| 4 | = | 87 |
| 5 | = | 81 |
| 6 | = | 95 |
| 7 | = | 90 |
| 8 | = | 109 |
| 9 | = | 89 |

Total Sample = 943

Testing Info

| | | | | |
|---|---|----|----|------|
| 0 | = | 19 | 1, | 95% |
| 1 | = | 20 | 0, | 100% |
| 2 | = | 25 | 0, | 100% |
| 3 | = | 17 | 1, | 94% |
| 4 | = | 22 | 3, | 88% |
| 5 | = | 15 | 1, | 93% |
| 6 | = | 16 | 0, | 100% |
| 7 | = | 19 | 0, | 100% |
| 8 | = | 14 | 3, | 82% |
| 9 | = | 15 | 5, | 75% |

Average = 92.86%

Correct/Total = 182/196

Ending of Training @ 2018-05-06 12:10:33

```
My prediction
```

```
5
```

```
2
```

```
1
```

```
8
```

```
2
```

```
9
```

```
9
```

```
5
```

2. The training, testing and prediction (the second time)

```
Beginning of Training @ 2018-05-06 12:13:12
```

```
-----  
Training Info  
-----
```

```
0 = 100
```

```
1 = 94
```

```
2 = 93
```

```
3 = 105
```

```
4 = 87
```

```
5 = 81
```

```
6 = 95
```

```
7 = 90
```

```
8 = 109
```

```
9 = 89
```

```
-----  
Total Sample = 943  
-----
```

```
-----  
Testing Info  
-----  
0 = 19 1, 95%  
1 = 19 1, 95%  
2 = 25 0, 100%  
3 = 17 1, 94%  
4 = 21 4, 84%  
5 = 15 1, 93%  
6 = 16 0, 100%  
7 = 19 0, 100%  
8 = 14 3, 82%  
9 = 16 4, 80%  
-----  
Average = 92.35%  
Correct/Total = 181/196  
-----  
Ending of Training @ 2018-05-06 12:13:18  
-----
```

```
My prediction  
5  
2  
1  
8  
2  
9  
9  
5
```