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knn_classify pendigits_training pendigits_test 1

classification accuracy=0.9743

Part of Execution Output:

```
ID= 1, predicted= 8, true= 8, accuracy=1.00
ID= 2, predicted= 8, true= 8, accuracy=1.00
ID= 3, predicted= 8, true= 8, accuracy=1.00
ID= 4, predicted= 9, true= 9, accuracy=1.00
ID= 5, predicted= 9, true= 9, accuracy=1.00
ID= 6, predicted= 1, true= 1, accuracy=1.00
ID= 7, predicted= 4, true= 4, accuracy=1.00
ID= 8, predicted= 3, true= 7, accuracy=0.00
ID= 9, predicted= 9, true= 9, accuracy=1.00
ID= 10, predicted= 9, true= 9, accuracy=1.00
```

knn_classify pendigits_training pendigits_test 3

classification accuracy=0.9747

Part of Execution Output:

```
ID= 1, predicted= 8, true= 8, accuracy=1.00
ID= 2, predicted= 8, true= 8, accuracy=1.00
ID= 3, predicted= 8, true= 8, accuracy=1.00
ID= 4, predicted= 9, true= 9, accuracy=1.00
ID= 5, predicted= 9, true= 9, accuracy=1.00
ID= 6, predicted= 1, true= 1, accuracy=1.00
ID= 7, predicted= 4, true= 4, accuracy=1.00
ID= 8, predicted= 7, true= 7, accuracy=1.00
ID= 9, predicted= 9, true= 9, accuracy=1.00
ID= 10, predicted= 9, true= 9, accuracy=1.00
```

knn_classify pendigits_training pendigits_test 5

classification accuracy=0.9760

Part of Execution Output:

```
ID= 1, predicted= 8, true= 8, accuracy=1.00
ID= 2, predicted= 8, true= 8, accuracy=1.00
ID= 3, predicted= 8, true= 8, accuracy=1.00
ID= 4, predicted= 9, true= 9, accuracy=1.00
ID= 5, predicted= 9, true= 9, accuracy=1.00
ID= 6, predicted= 1, true= 1, accuracy=1.00
ID= 7, predicted= 4, true= 4, accuracy=1.00
ID= 8, predicted= 7, true= 7, accuracy=1.00
ID= 9, predicted= 9, true= 9, accuracy=1.00
ID= 10, predicted= 9, true= 9, accuracy=1.00
```