

## JAVA REPORT

- 1. Report the accuracy on the test set for decision trees constructed**
  - Accuracy on the test set for decision tree is : 74.55%
- 2. Choose 10 suitable values for L and K. For each of them, report the accuracies for the post-pruned decision trees constructed**

| L Value | K Value | Accuracy |
|---------|---------|----------|
| 5       | 8       | 75.6     |
| 4       | 6       | 75.55    |
| 5       | 6       | 74.95    |
| 8       | 3       | 74.25    |
| 7       | 4       | 75.2     |
| 8       | 9       | 74.86    |
| 2       | 9       | 75.85    |
| 4       | 6       | 74.15    |
| 8       | 4       | 75.6     |
| 7       | 3       | 74.65    |
| 8       | 6       | 75.3     |