Five java files have been attached with this heuristic1.java heuristic2.java Pruning1.java Pruning2.java Tree.java Instance.java

For compile: javac Instance.java

Javac Tree.java

javac heuristic1.java

Javac heuristic2.java

Javac Pruning1.java

Javac Pruning2.java

For run: java heuristic1.java

Java heuristic2.java

Java Pruning1.java

Java Pruning2.java

The algorithm is implemented in JAVA. IDE used is ECLIPSE.

Heuristic1.java

To implement the decision tree and tree is built based on the Information Gain.

Heuristic2.java

To implement the decision tree and the tree is built based on the condition given in the question.

Pruning.java

To prune the decision tree.

The value of K and L is got from the user as input.