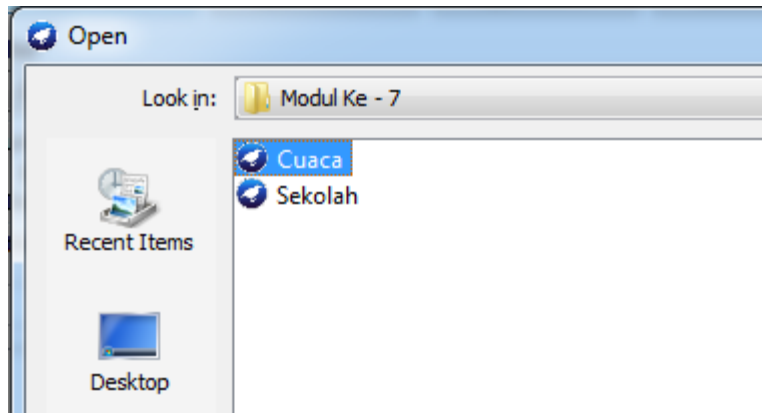


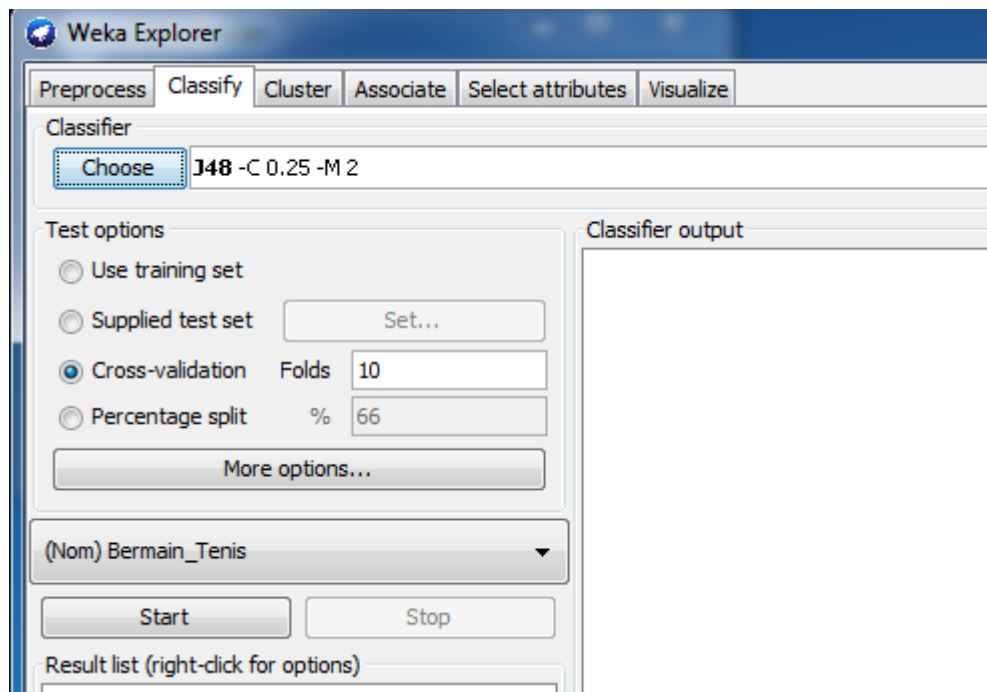
Nama : Alvian Harisnur
NIM : L200170132
Kelas : E

Laporan Kegiatan Praktikum DWDM Modul 9

1. Buka file cuaca.arff di weka



2. Gunakan algoritma keputusan J48 dan pastikan pilih **Use training set**



3. Hasil ketika di klik tombol start

The screenshot shows the Weka Classifier window with the J48 classifier selected. The test options are set to 'Use training set' with 10 folds. The classifier output is displayed, showing various performance metrics and a confusion matrix.

Classifier output

Metric	Value
Kappa statistic	1
Mean absolute error	0
Root mean squared error	0
Relative absolute error	0 %
Root relative squared error	0 %
Coverage of cases (0.95 level)	100 %
Mean rel. region size (0.95 level)	50 %
Total Number of Instances	14

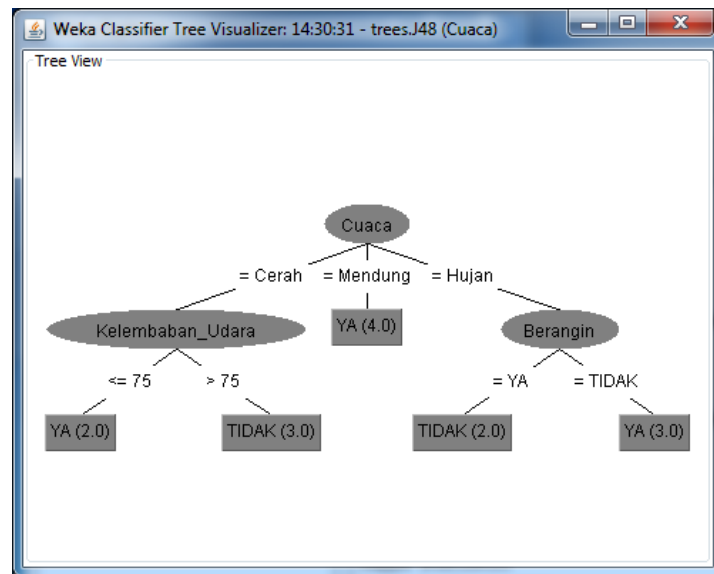
Detailed Accuracy By Class

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC
1.000	1.000	0.000	1.000	1.000	1.000	1.000
1.000	1.000	0.000	1.000	1.000	1.000	1.000
Weighted Avg.	1.000	0.000	1.000	1.000	1.000	1.000

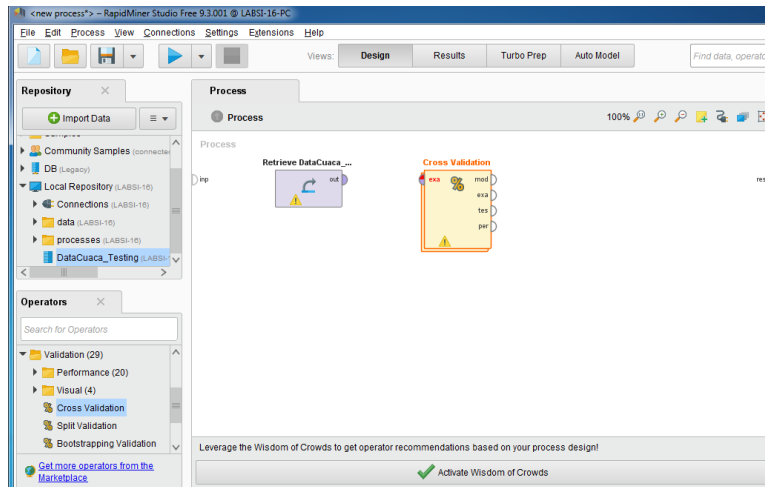
Confusion Matrix

```
a b <-- classified as
9 0 | a = YA
0 5 | b = TIDAK
```

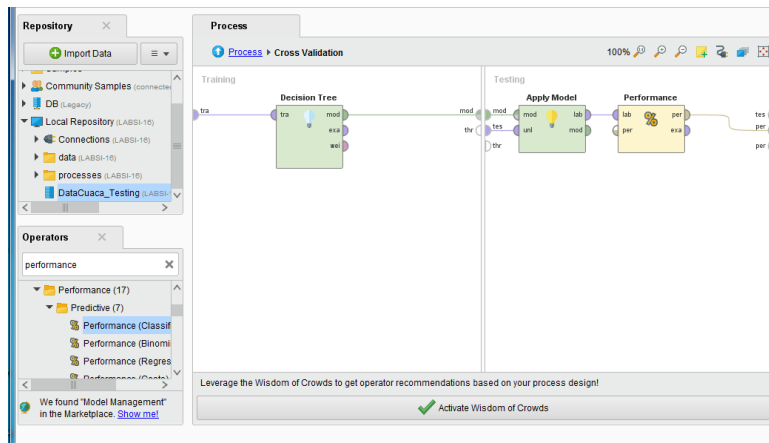
4. Hasil visualisasi dari pohon



5. Sekarang buka di aplikasi Rapidminer, buka file Data cuaca training dan drag file tersebut dan Drag operator Cross Validation ke dalam view.



6. Double click pada cross validation. Masukkan operator Decision Tree pada area Training dan masukkan Apply Model dan performance ke area Testing.



7. Kembali dengan menekan tombol process yang ada di kiri atas, kemudian RUN

	true TIDAK	true YA	class precision
pred. TIDAK	2	2	50.00%
pred. YA	3	7	70.00%
class recall	40.00%	77.78%	

8. Tampilan decision tree

