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***** COP 4722: Survey of Database Systems *****
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*           -- Assignment 5: Data Mining --           *
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***** Data Sample *****

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Customer	ItemsPurchased
=====	=====
Cynthia	Eggs
Cynthia	Pasta
David	Cereal
David	Orange
David	Pasta
David	Yogurt
Lucy	Orange
Lucy	Pasta
Mike	Cereal
Mike	Pasta
Mike	Yogurt
Tim	Fish
Tim	Orange
Vanessa	Eggs
Vanessa	Pasta
Vanessa	Yogurt

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***** CASE *****

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Minimum support value: 0.25

Results of L-1 itemsets:

Eggs	2
Pasta	5
Cereal	2
Orange	3
Yogurt	3

Results of L-2 itemsets:

Eggs	Pasta	2	Eggs ==> Pasta Confidence = 1.00, Interest = 0.17
			Support: LHSuRHS = 0.33, LHS = 0.33, RHS = 0.83
Pasta	Eggs		Pasta ==> Eggs Confidence = 0.40, Interest = 0.07
			Support: LHSuRHS = 0.33, LHS = 0.83, RHS = 0.33
Eggs	Yogurt	1	Eggs ==> Yogurt Confidence = 0.50, Interest = 0.00

Support: LHSuRHS = 0.17, LHS = 0.33, RHS = 0.50  
 Yogurt ==> Eggs Confidence = 0.33, Interest = 0.00  
 Support: LHSuRHS = 0.17, LHS = 0.50, RHS = 0.33  
 Pasta Cereal 2  
 Pasta ==> Cereal Confidence = 0.40, Interest = 0.07  
 Support: LHSuRHS = 0.33, LHS = 0.83, RHS = 0.33  
 Cereal ==> Pasta Confidence = 1.00, Interest = 0.17  
 Support: LHSuRHS = 0.33, LHS = 0.33, RHS = 0.83  
 Pasta Orange 2  
 Pasta ==> Orange Confidence = 0.40, Interest = 0.10  
 Support: LHSuRHS = 0.33, LHS = 0.83, RHS = 0.50  
 Orange ==> Pasta Confidence = 0.67, Interest = 0.17  
 Support: LHSuRHS = 0.33, LHS = 0.50, RHS = 0.83  
 Pasta Yogurt 3  
 Pasta ==> Yogurt Confidence = 0.60, Interest = 0.10  
 Support: LHSuRHS = 0.50, LHS = 0.83, RHS = 0.50  
 Yogurt ==> Pasta Confidence = 1.00, Interest = 0.17  
 Support: LHSuRHS = 0.50, LHS = 0.50, RHS = 0.83  
 Cereal Orange 1  
 Cereal ==> Orange Confidence = 0.50, Interest = 0.00  
 Support: LHSuRHS = 0.17, LHS = 0.33, RHS = 0.50  
 Orange ==> Cereal Confidence = 0.33, Interest = 0.00  
 Support: LHSuRHS = 0.17, LHS = 0.50, RHS = 0.33  
 Cereal Yogurt 2  
 Cereal ==> Yogurt Confidence = 1.00, Interest = 0.50  
 Support: LHSuRHS = 0.33, LHS = 0.33, RHS = 0.50  
 Yogurt ==> Cereal Confidence = 0.67, Interest = 0.33  
 Support: LHSuRHS = 0.33, LHS = 0.50, RHS = 0.33  
 Orange Yogurt 1  
 Orange ==> Yogurt Confidence = 0.33, Interest = 0.17  
 Support: LHSuRHS = 0.17, LHS = 0.50, RHS = 0.50  
 Yogurt ==> Orange Confidence = 0.33, Interest = 0.17  
 Support: LHSuRHS = 0.17, LHS = 0.50, RHS = 0.50

Results of L-3 itemsets:

Eggs	Pasta	Yogurt	1
Pasta	Cereal	Orange	1
Pasta	Cereal	Yogurt	1
Pasta	Orange	Yogurt	1
Cereal	Orange	Yogurt	1

Results of L-4 itemsets:

Pasta	Cereal	Orange	Yogurt	1
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Results of L-5 itemsets:

\*\*\*\*\* END \*\*\*\*\*