

## FIRST NORMAL FORM

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### TRANSACTIONS

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Trans ID	Code	Type	Date	Description	Amount	Memo	Status
1	AD	Credit	4/1/2013	Payroll deposit	1,095.62		Cleared
2	DC	Debit	4/2/2013	Main Street Market	117.34	Groceries	Cleared
3	7214	Debit	4/7/2013	Charlottesville MUD	74.19	Water bill	Uncleared
4	FT	Debit	4/10/2013	Transfer to savings	500.00		Cleared
5	ATM	Debit	4/10/2013	Cash withdrawal	120.00		Cleared
6	AD	Credit	4/14/2013	US Dept of Treasury	372.96	Tax refund	Uncleared

## SECOND NORMAL FORM

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### TRANSACTION TYPES

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Type ID	Type
1	Debit
2	Credit

### STATUSES

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Status ID	Status
1	Cleared
2	Not Cleared

### TRANSACTIONS

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Trans ID	Code	Type ID	Date	Description	Amount	Memo	Status ID
1	AD	2	4/1/2013	Payroll deposit	1,095.62		1
2	DC	1	4/2/2013	Main Street Market	117.34	Groceries	1
3	7214	1	4/7/2013	Charlottesville MUD	74.19	Water bill	2
4	FT	1	4/10/2013	Transfer to savings	500.00		1
5	ATM	1	4/10/2013	Cash withdrawal	120.00		1
6	AD	2	4/14/2013	US Dept of Treasury	372.96	Tax refund	2

## THIRD NORMAL FORM

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For this exercise, same as Second Normal Form.