

Mark Lozinski

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## Part 1

1. Everything looks good so far, can you double check for me to make sure this is all the information you need me to sort.
- 2.

PackageID	TagNumber	InstallDate	SoftwareCostUSD
AC01	32808	09-13-2005	754.95
DB32	32808	12-03-2005	380.00
DB32	37691	06-15-2005	380.00
DB33	57772	05-27-2005	412.77
WP08	32808	01-12-2005	185.00
WP08	37691	06-15-2005	227.50
WP08	57222	05-27-2005	170.24
WP09	59836	10-30-2005	35.00
WP09	77740	05-27-2005	35.00

3. PackageID
- 4.

PackageID	TagNumber	InstallDate	SoftwareCostUSD	SoftwarePackage	ComputerModel
AC01	32808	09-13-2005	754.95		
DB32	32808	12-03-2005	380.00		
DB32	37691	06-15-2005	380.00		
DB33	57772	05-27-2005	412.77		
WP08	32808	01-12-2005	185.00		
WP08	37691	06-15-2005	227.50		
WP08	57222	05-27-2005	170.24		
WP09	59836	10-30-2005	35.00		
WP09	77740	05-27-2005	35.00		

5. SoftwareCostUSD and InstallDate depends on TagNumber
6. Transitive functional dependency of non-prime attribute on any super key has not been removed.
7. (Table at bottom)  
Install\_table primary Keys: PackageID  
Cost\_Table primary keys: PackageID  
PID\_Table primary keys: TagNumber
8. Install\_table Dependencies: InstallDate → PackageID  
Cost\_Table Dependencies: SoftwareCostUSD → PackageID  
PID\_Table Dependencies: PackageID → TagNumber

9. The table is in 2NF and the transitive functional dependency of non-prime attribute on any super keys have been removed.

Install\_table:

PackageID	InstallDate
AC01	09-13-2005
DB32	12-03-2005
DB32	06-15-2005
DB33	05-27-2005
WP08	01-12-2005
WP08	06-15-2005
WP08	05-27-2005
WP09	10-30-2005
WP09	05-27-2005

Cost\_table:

PackageID	SoftwareCostUSD
AC01	754.95
DB32	380.00
DB33	412.77
WP08	185.00
WP08	227.50
WP08	170.24
WP09	35.00

PID\_Table:

TagNumber	PackageID
32808	AC01
32808	DB32
32808	WP08
37691	DB32
57772	DB33
37691	WP08
57222	WP08
59836	WP09
77740	WP09