I would tell Mr. Meservy that the spreadsheet looks great.

<div align="center">Kramerica</div>

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	01-12-2006	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

The primary key of this table is the composite key of (TagNumber, PackageID)

<div align="center">Kramerica</div>

PackageID	TagNumber	InstallDate	SoftwareCostUSD	PackageName	ComputerModel
AC01	32808	09-13-2005	754.95	Cassandra	Acer
DB32	32808	12-03-2005	380.00	Lotus Notes	Acer
DB32	37691	06-15-2005	380.00	Lotus Notes	Lenovo
DB33	57772	05-27-2005	412.77	MySQL	HP
WP08	32808	01-12-2006	185.00	Oracle	Acer
WP08	37691	06-15-2005	227.50	Oracle	Lenovo
WP08	57222	05-27-2005	170.24	Oracle	Toshiba
WP09	59836	10-30-2005	35.00	Mongo	Apple
WP09	77740	05-27-2005	35.00	Mongo	Asus

<div align="center">Functional Dependencies</div>

TagNumber → ComputerModel
PackageID → PackageName
(TagNumber, PackageID) → InstallDate
(TagNumber, PackageID) → SoftwareCostUSD
This new table is not in 3NF because it is also not in 2NF. The table is not in 2NF
because there is a partial key dependency – PackageName depends on PackageID but not
on (TagNumber, PackageID).

Table ComputerModels

TagNumber	ComputerModel
32808	Acer
37691	Lenovo
57772	HP
57222	Toshiba
59836	Apple
77740	Asus

Primary Key: TagNumber

Functional Dependency: TagNumber → ComputerModel

Table PackageNames

PackageID	PackageName
AC01	Cassandra
DB32	Lotus Notes
DB33	MySQL
WP08	Oracle
WP09	Mongo

Primary Key: PackageID

Functional Dependency: PackageID → PackageName

Table PackageInfo

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	01-12-2006	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

Primary Key: (TagNumber, PackageID)

Foreign Keys: TagNumber, PackageID

Functional Dependencies: (TagNumber, PackageID → InstallDate

(TagNumber, PackageID → SoftwareCostUSD

These tables are in 3NF because they are in 1NF and 2NF. These tables are in 1NF because each intersection of a row and a column is atomic and the value of each intersection of a row and a column contains one value. These tables are in 2NF because each attribute that is not prime is dependent on the entire key.

ER Diagram