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Lab 7 - Normalization 1
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1. "In order to maximize our performance, we will need to refactor this table."
2. The given table in 1NF

PackID	TagNum	InstallDate	SoftwareCost
AC01	32808	09-13-1995	754.95
DB32	32808	12-03-1995	380.00
DB32	37691	6-15-1995	380.00
DB33	57772	05-27-1995	412.77
WP08	32808	01-12-1996	185.00
WP08	37691	06-15-1995	227.50
WP08	57222	05-24-1995	170.24
WP09	59836	10-30-1995	35.00
WP09	77740	05-27-1995	35.00

3. PackID+TagNum
4.

PackID	TagNum	InstallDate	SoftwareCost	PackName	CompModel
AC01	32808	09-13-1995	754.95	Assassin's Creed	HP
DB32	32808	12-03-1995	380.00	Database Bonanza 32bit	HP
DB32	37691	6-15-1995	380.00	Database Bonanza 32bit	Apple
DB33	57772	05-27-1995	412.77	Database Bonanza 33bit	Gateway
WP08	32808	01-12-1996	185.00	Worriless Platformer 08	HP
WP08	37691	06-15-1995	227.50	Worriless Platformer 08	Apple
WP08	57222	05-24-1995	170.24	Worriless Platformer 08	Gateway
WP09	59836	10-30-1995	35.00	Worriless Platformer 09	Dell
WP09	77740	05-27-1995	35.00	Worriless Platformer 09	WeDontTalkAboutThisOne

5. PackID→PackName
   b) TagNum→CompModel
   c) PackID,CompModel → SoftwareCost

6. This table is not in 3NF because the table is not in 2NF. PackageName and ComputerModel are not dependant on PackID *and* TagNum together, thus it is not in 2NF.
7. PackID
   b) TagNum
8. PackID→PackName
   b) TagNum→CompModel
   c) PackID,CompModel → SoftwareCost
9. The tables are in third normal form because every table is dependant on the key and nothing else.
10.

-Packages	-
PackID **PackName**	

-Computers	-
CompModel	**TagNum**

-Installs	-
PackID **InstallDate** **SoftwareCost**	