1.

a) I will say "Nice try bud, but let's make it better."

b)

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	59536	10-30-2005	35.00
WP09	77740	05-27-2005	35.00

c) The primary keys are PackageID and InstallDate.

2.

a)

Packagel	TagNumb	InstallDat	SoftwareCostU	SoftwarePackageNa	ComputerMod
1					
D	er	е	SD	me	el
AC01	32808	09-13-	754.95	Zork	IBM
		2005			
DB32	32808	12-03-	380.00	Portal	Apple
		2005			
DB32	37691	06-15-	380.00	Battlefield 1	Lenovo
		2005			
DB33	57772	05-27-	412.77	CoD4	Alienware
		2005			
WP08	32808	01-12-	185.00	Windows 10	HP
		2006			
WP08	37691	06-15-	227.50	Lollipop	Google
		2005			

WP08	57222	05-27-	170.24	Internet Explorer	Asus
		2005			
WP09	59536	10-30-	35.00	Skype	Apple
		2005			
WP09	77740	05-27-	35.00	Some Game	IBM
		2005			

C) The table isn't in third normal form because it isn't in second normal form and there are only partial key dependencies.

3.

- a) TagNumber, PackageID are primary keys.
- b) PackageID → SoftwareName
 TagNumber → ComputerModel
 (PackageID, TagNumber) → InstallDate. SoftwareCostUSD
- **c)** The new tables in third form because it is now in second normal form and there are multiple dependencies.

d) ER diagram

