3. You should determine if the *Student*, *Lender*, and *Institution* tables are in BCNF. In the *Lender* table, *LenderName* is unique. In the *Institution* table, *InstName* is unique. In the *Student* table, *StdEmail* is unique. The primary key of each table is underlined. The primary key of each table is underlined. You should explain your decision and modify the table design by splitting tables or adding constraints if necessary.

Student (StdNo, StdName, StdEmail, StdAddress, StdCity, StdState, StdZip )

Lender(LenderNo, LenderName)

Institution(InstNo, InstName, InstMascot)

Solution:

Student Table

* Follows BCNF
* Student (StdNo, StdName, StdEmail, StdAddress, StdCity, StdState, StdZip )

UNIQUE (StdEmail)

Lender Table

* Lender(LenderNo, LenderName)

UNIQUE (LenderName)

Institution Table

* Institution in BCNF
* Institution(InstNo, InstName, InstMascot)

UNIQUE (InstName)