**Solutions for Problem 1**

The Entity Type rule (5 Applications of this rule):

1. ***Institution***
2. ***Student***
3. ***Lender***
4. ***Loan***
5. ***Disburse Line***

Following statements describe the above tables:

***Institution*** (InstID, InstName, InstMascot, PRIMARY KEY(InstID))

***Student***(StdNo, StdName, StdAddress, StdCity, StdState, StdZip,

StdEmail,

PRIMARY KEY(StdNo))

***Lender***(LenderNo**,** LendName, PRIMARY KEY(LenderNo))

***Loan***(LoanNo*,* ProcDate, DisbMethod, DisbBank,DateAuth, NoteValue,

Subsidized,Rate,

PRIMARY KEY(LoanNo))

***DisburseLine*(**DateSent**,** Amount, OrigFree, GuarFree,

PRIMARY KEY(DateSent))