**Problem 2 : Module 10**

The 1-M relationship rule (4 Applications of this rule):

1. Loan.InstID (Mandatory)
2. Loan.StdNo(Mandatory)
3. Loan.LenderNo (Mandatory)
4. DisburseLine.LoanNo(Mandatory)

**Following Statements describe the above tables with modifications for**

**Adding foreign keys and NOT NULL Constrainsts(Mandatory- NOT NULL)**

**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,***InstID,StdNo,LenderNo,*ProcDate,DisbMethod,DisbBank,

DateAuth,NoteValue,Subsidized,Rate, PRIMARY KEY(LoanNo),

FOREIGN KEY(*InstID) REFERENCES Institution,*

FOREIGN KEY(*StdNo) REFERENCES Student,*

FOREIGN KEY(*LenderNo) REFERENCES Lender,*

*InstID NOT NULL,*

*StdNo NOT NULL,*

*LenderNo NOT NULL*)

**DisburseLine**

**(DateSent,***LoanNo***,**Amount,OrigFree,GuarFree,

PRIMARY KEY(DateSent)

FOREIGN KEY(LoanNo) REFERENCES Loan,

LoanNo NOT NULL)