ASSIGNMENT MODULE 10

1. Student(StdNo Primary Key, StdName, StdAddress,StdCity,StdState,StdZip,StdEmail)

    Lender(LenderNo Primary Key, LenderName)

    Loan(LoanNo Primary Key, ProcDate, DisbMethod, DisbBank, DateAuth,NoteValue,Subsidized, Rate)

    Institution(InstId primary key, InstName , InstMascot)

    DisburseLine(DateSent Primary Key, Amount,OrigFee,GuarFee)

2. Loan(LoanNo Primary Key, ProcDate, DisbMethod, DisbBank, DateAuth,NoteValue,Subsidized, Rate , StdNo NotNull,InstId NotNull , Lender NOTNULL , Foreign key(StdNo) references Student ,Foreign key(InstId) references Institution ,Foreign key(LenderNo) references Lender)

    DisburseLine(DateSent Primary Key, Amount,OrigFee,GuarFee , Foreign Key(LoanNo) references Loan)

3. M-N relationship is not present so this rule is not applicable.

4. Identification dependency rule is used to include LoanNo in DisburseLine(LoanNo NotNull,DateSent ,Amount,OrigFee,GuarFee , Foreign Key(LoanNo) references Loan,Primary Key(LoanNo,DataSent)

5. Using the 1-M relationship rule for decomposed relationships.

    Account(ActId PrimaryKey, decAccNo , ActName, Balance , ForeignKey(decAccNo) References Account)

6. Owner(OwnId PrimaryKey , OwnName , OwnPhone)
    Property(PropId PrimaryKey, BldgName , UnitNo , Bdrms)
    Shares(OwnId , PropId, StartWeek, EndWeek, ForeignKey(PropId) references Property, ForeignKey(OwnId) references Owner).