**Homework**

1. Consider the following set of requirements for a UNIVERSITY database that is used to keep track of students’ transcripts:

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Diagram

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2. Consider the ER diagram in the file named “BANK database ER Diagram.” Each bank can have multiple branches, and each branch can have multiple accounts and loans.

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2.

a). BANK, ACCTS, ACCOUNT, A\_C, CUSTOMER, LOANS, L\_C

b). Yes, BRANCHES and BANK\_BARANCH.

*Name:* ***BANK\_BRANCH****Partial key:* ***Branch\_no****Identifying relationship: It is the branches of BANK and a branch must is a branch of a bank (which also means that any bank should have at least 1 branch), so BANK.Code is also the key.*

c). *The constraint attributes of BANK\_BRANCH is {****BANK.Code, BANK\_BRANCH.Branch\_no****}*