

DBMS online assessment

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6th sem A sec

Draw the schema diagram and ER diagram .

1) Consider the following relations:

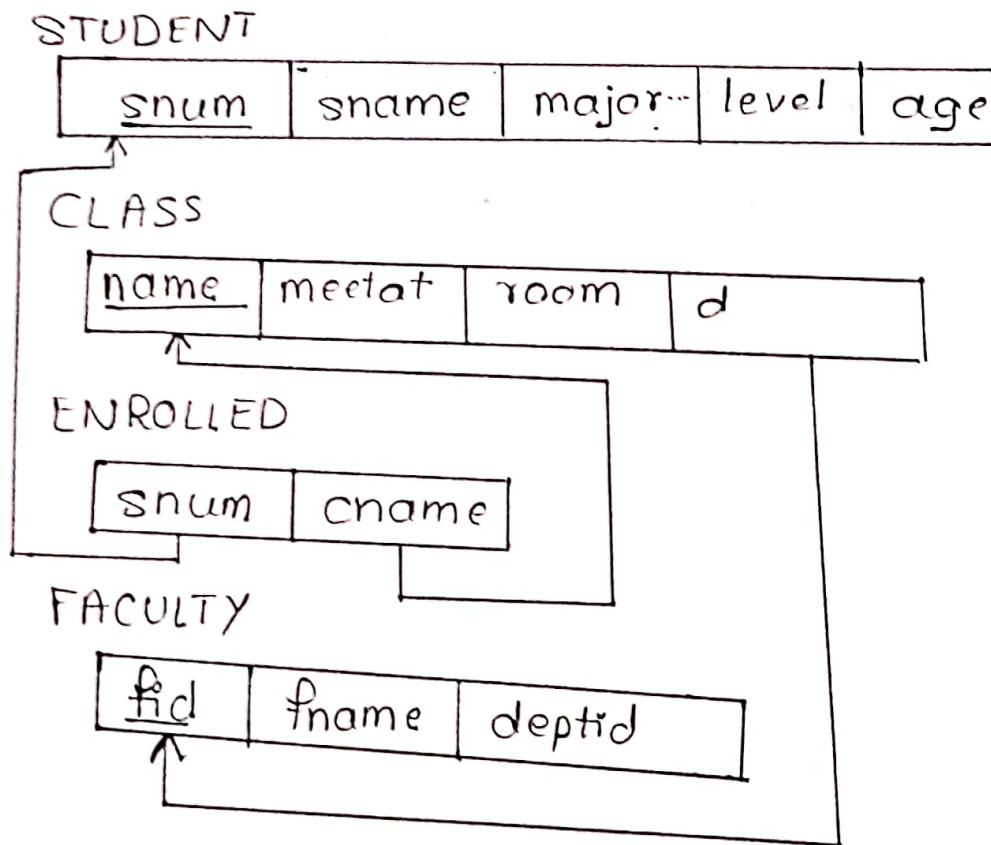
Student (snum: integer, sname: string, major: string, level: string, age: integer)

class (cname: string, meet at: string, room: string, d: integer)

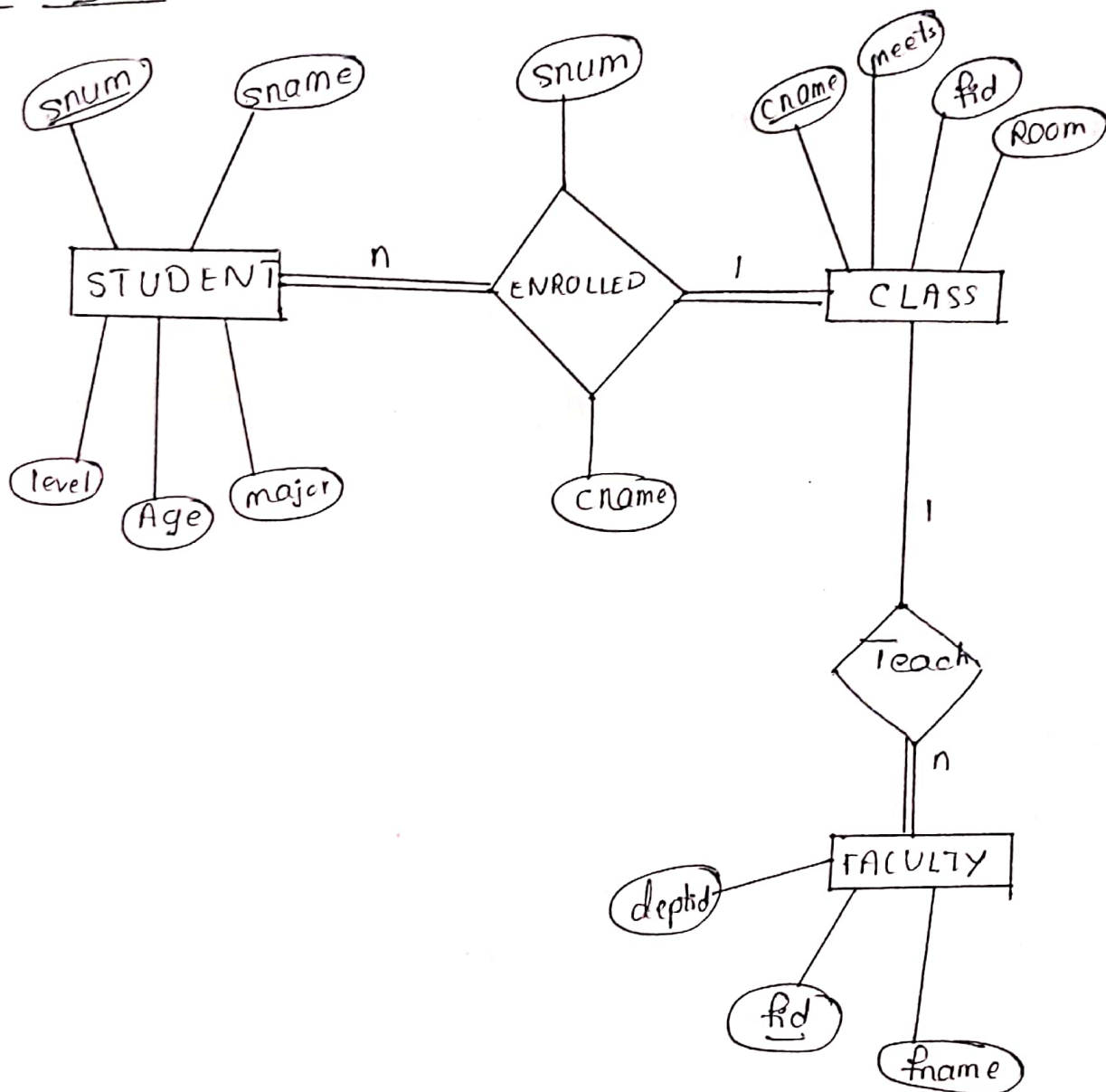
Enrolled (snum: integer, cname: string)

Faculty (fid: integer, fname: string, deptid: integer)

Schema diagram



ER diagram



2) Consider the following database for a banking enterprise

BRANCH (branch-name: string, branch-city: string, assets: real)

ACCOUNT (accno: int, branch-name: string, balance: real)

DEPOSITOR (customer-name: string, accno: int)

CUSTOMER (customer-name: string, customer-street: string,
city: string)

LOAN (loan-number: int, branch-name: string, loan-number: int)

BORROWER (customer-name: string, customer-street: string,
city: string) .

schema diagram

BRANCH

<u>branch.name</u>	branch.city	assets
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ACCOUNT

<u>accno</u>	<u>branch.name</u>	balance
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DEPOSITOR

<u>customer.name</u>	accno
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CUSTOMER

<u>customer.name</u>	<u>customer.street</u>	<u>city</u>
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LOAN

<u>loan-number</u>	branch.name	loan-number
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BORROWER

<u>customer.name</u>	<u>customer.street</u>	<u>city</u>
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ER diagram

