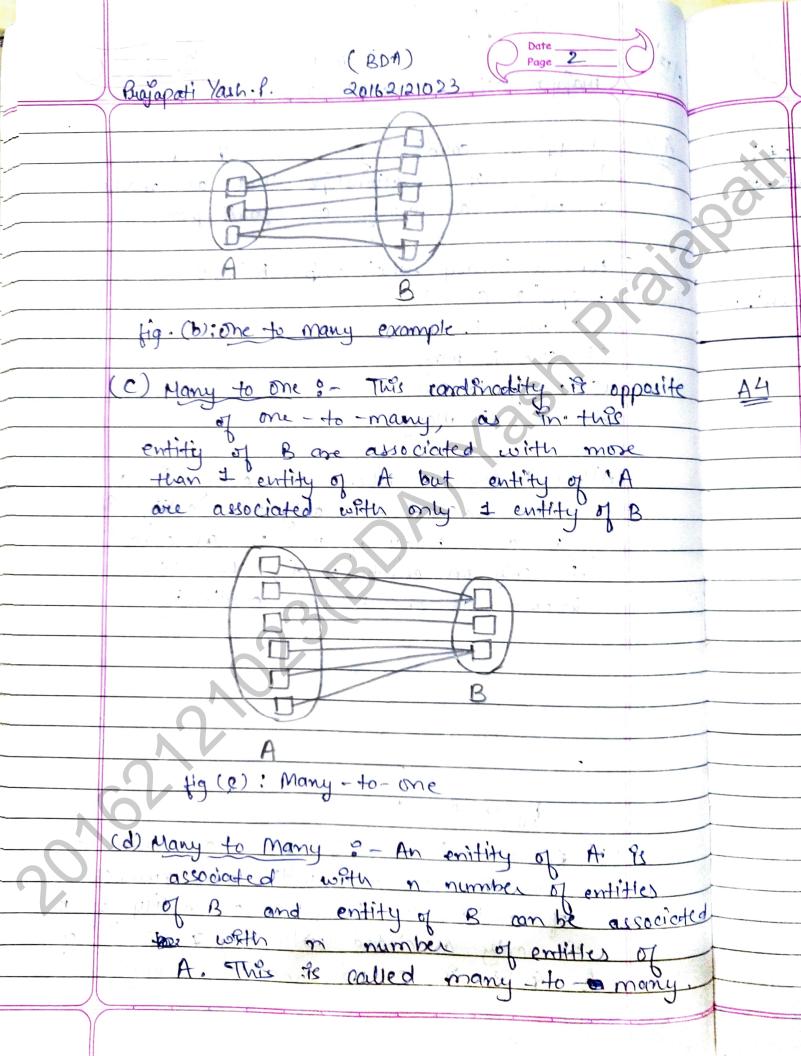
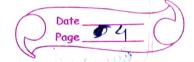
| | [2CSE301] |
|---------|---|
| 6/12/21 | DBMS (BDA) Date Page |
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| | |
| A2 | Mapping cardinality means 9+ 95 a |
| | number of relationships that are made |
| | In which an entity can participate. |
| | |
| | For a binary relationship R(A,B), |
| | mapping our be |
| | (a) One to one |
| | (b) One to May |
| | (C) Many to one |
| | (d) many to many |
| | |
| | (A) One-to-One? - When air entity in A |
| | 's connected to only one entity in |
| | B and cutify of B & connected |
| | to only on entity of A, then it is |
| | known as one-to-one cardinality. |
| | |
| | |
| | [32] [b2] |
| | |
| N | A was of B song to leave |
| 0 | fig. (A) One-to-one |
| | (B) One One - to -many: - when an entity of |
| | A 9s associated with any number |
| | of autities on B. but an autitu of R |
| ` | A 9 9+ B called one - to - many |
| | A 97 & called one - to - many |
| | J |



| | Page 3 |
|-----------|--|
| | Priajapoli Yash. P. 20162121023 |
| | A B |
| ٠ ; . | |
| | array (D) Compass of the |
| | |
| | |
| | |
| , | fig (d): many - to - many |
| , | fig (a) : Triang to shorteg. |
| | √ 1 |
| 14 | (a) DELIMITER // |
| <u>44</u> | |
| | CREATE TRIGGER Quel 4'A AFTER TODGET ON |
| | account FOR EACH ROW |
| | |
| | BENIN LALLES Coop, acro |
| 7 | INSERT INTO account log VALUES (new. acno, |
| | balance, new. balance, GIET DATE()); |
| | END; |
| | |
| | |
| | (b) DELIMITER // |
| | CREATE TRIGGER QUESTS BEFORE INSERT ON |
| | account FOR FACH ROW |
| | BEGIN |
| 00 | SET new, name = upper (new. name); |
| | END; |
| | 4 |
| | |
| | |
| | |
| | |

(BDA)



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DELIMITER ! A3 CREATE PROCEDURE Ques3 (IN envol int), OUT Final-spi VARCHAR (10)) BEGIN SELECT Spi INTO FINAL-Spi from HERULT WHERE enrollment no = enroll; END / DELIMITER; CALL Ques3 (101, @yash); select @yash as "SPI"; A relation schema R is In 3NF with AL respect to a set f of functional dependencie. if, for all FD in Ft of the form X > B, where REGB X C R & B C R,

at least one of the following holds: 4 X + B RE trivial FD Is I is superky for B 12 Each attendate A in B-X is contained In a candidate key for R. let us see dept-advisor prelation set, which has following, functional dependencies: i_ID -> dept_name

s-ID, dept - name -ti-ID

(BDA)

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Here, note that d= ai-ID = B= dept name and B-X = dept-name. Since FD is s_ID dept-name > i-ID hold on dept-advisor, the ad attribute dept-name Pr contained in a condidate key and therefore, dept: - advisor is in an 3NF.