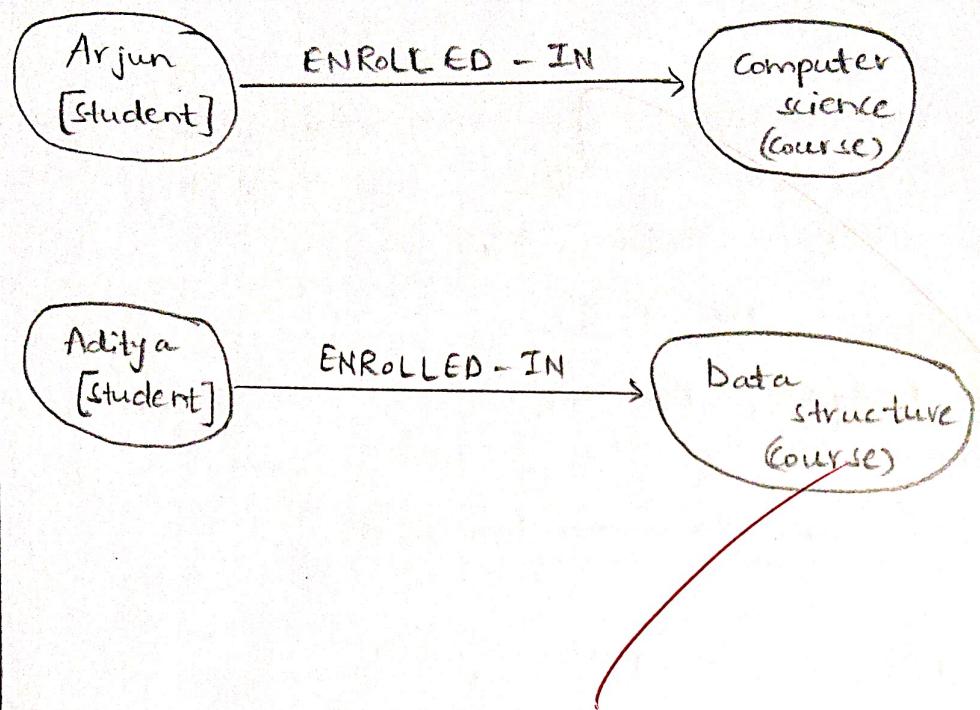


11.	13/10/25	CRUD operations in graph database	15	CM
		✓		13/10/25



REO-HOT JEW	
65	01-03
(1) BOLIVIA	01-03
(2) BERYANA TUNA MUR	01-03
(3) BOOM AYIV	01-03
(4) DROGON	01-03
(5) LA LOT	01-03
LA	01-03
LA	01-03

36. *Lamprolepis* *brevirostris* *mitrata* *multicarinata* *ultraobscurus* *leptostoma*

13/10/25

Task-11: CRUD Operations Graph Database

Aim: To perform CRUD operations on a graph database.

CREATE - Modes & Relationships

CREATE (S1: student {id: 1, name: 'Arjun', age: 21})

CREATE (S2: student {id: 2, name: 'Aditya', age: 23})

CREATE (C1: course {id: 101, name: 'computer science'})

CREATE (C2: course {id: 102, name: 'data structure'})

CREATE (S1) - [:ENROLLED : IN] → (C1)

CREATE (S2) - [:ENROLLED : IN] → (C2);

READ - Query data

MATCH (s: student) - [:ENROLLED - IN] → (c: course)

RETURN s.name; c.name;

OUTPUT

Arjun

student → computer science

Aditya → Data Structure

UPDATE

MATCH (s: student {name: 'Arjun'})

SET s.age = 22, s.city = 'Hyderabad'

RETURN;

Name: Arjun

age: 22

→ computer science

City: Hyderabad

DELETE

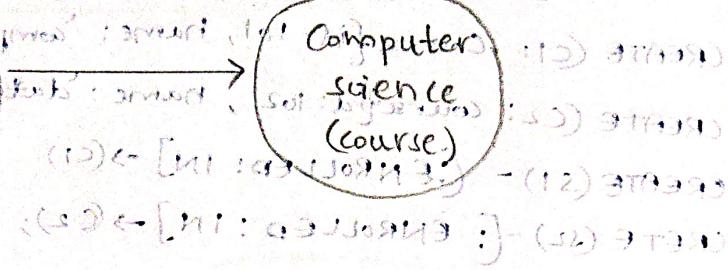
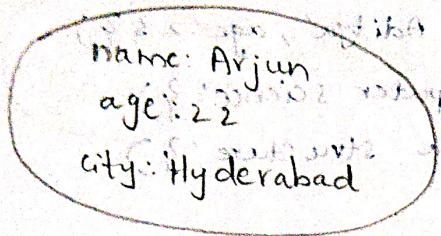
MATCH (s: student {name: 'Aditya'}) → (r: ENROLLED : IN) →
(c: course)

DELETE,

Arjun → ENROLLED - IN → computer science

student to drop in the marking grid, marking of each

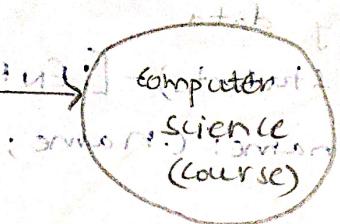
UPDATE



DELETE



ENROLLED IN: CS101



Aditya is disconnected

$\neg (\text{Enrolled} \wedge \text{Completed}) \rightarrow \neg \text{Completed}$

$\neg \text{Completed} \rightarrow \neg \text{Passed}$

Result :-

Thus, the CRUD operations are graph database selected successfully.

VEL TECH	
EX No.	11
PERFORMANCE (5)	8
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	5
TOTAL (20)	16
SIGN WITH DATE	✓