TASK-(11) - CRUD operations in GRAPH database

Aim: TO perform CRUD operations on a graph database

CREATE - Nodes & Relationships

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

CREATE (S2: student {id: 2, name: 'Nikki', age: 22})

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

CREATE (C2: course {id: 102, name: 'Data structures'})

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;

Chandu -) computer science

Nikki -) Data structure

UPDATE:

MATCH (S: student {name: 'Chandu'})

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

RETURN S;

name: Chandu
age = 22
City: Hyderabad

→ computer science.

DELETE

MATCH (s: student & name: 'Nishi')-
[r: ENROLLED-IN] ->(L: course)

DELETE r;

chandu -> ENROLLED-IN → computer science.

VELTECH	
EX No.	12
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	
TOTAL (20)	18
SIGN WITH DATE	

Result: The Implement of CRUD operations like creating updating, Reading, & deleting operations using Graph DB is successfully executed