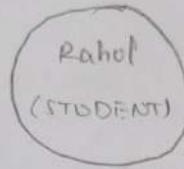
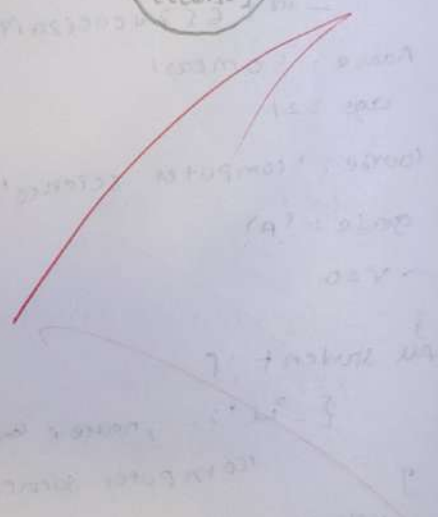
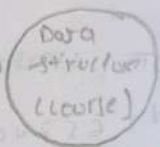


ENROLLED-IN



ENROLLED-IN



ABSTRACT	
1	Entity
2	Relationship
3	Attribute
4	Key
5	Cardinality
6	Domain
7	Constraint
8	Schema
9	Instance
10	Query

Handwritten notes at the bottom of the page, including the word "Entity" and some illegible text.

13/10/21

TASK

Aim:-

- CR
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- CR

13/10/21

TASK 11 - CRUD OPERATION IN GRAPH DATABASE

Aim:- To perform CRUD operation on a graph database.

CREATE - NODES & Relationships.

```
CREATE (S1: Student {id: 1, name: 'Omkar', age: 21})
CREATE (S2: Student {id: 2, name: 'Rahul', age: 22})
CREATE (C1: course {id: 101, name: 'computer science'})
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

Omkar → computer science

Rahul → Data structure.

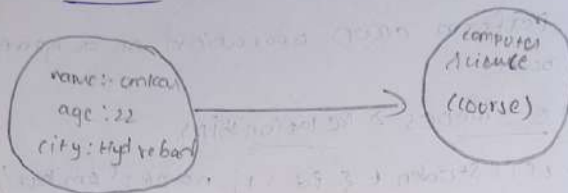
UPDATE

```
MATCH (S: Student {name: 'Omkar'})
```

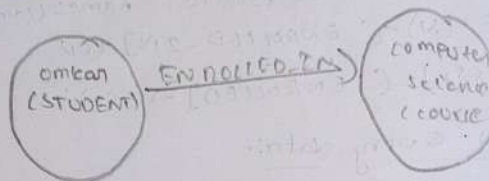
```
SET S.age = 22, S.city = 'Hyderabad'
```

```
RETURN;
```


Update :-



DELETE :-



Name: o
age: :
city: H

DELETE

MATCH

Result :-

like
opera

Name:- omkar

age:- 22

→ computer science

city:- Hyderabad

DELETE

MATCH (S: Student { name: 'Rahul' })-

[Y: ENROLLED-IN] → [C: course]

DELETE Y;

OMKAR — ENROLLED-IN → computer science.

VEL TECH	
Roll No.	11
PERFORMANCE (5)	8
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	10
TOTAL (20)	38
SIGN WITH DATE	

Result:- The implementation of CRUD operations like creating updating, reading & deleting operations using graph DB is successfully executed.