

CRUD operations in Document Database

Aim: To perform CRUD operations mongoose on document database.

- Node is installed.
- Mongo DB installed locally (or) mongo DB

Atlay

- Npm packages.

Step 1: initialize a node is project.

mongoose - crud

cd mongoose - crud

npm init -y

npm install mongoose.

Step-2 Connect to mongo DB

```
const mongoose = require('mongoose');
```

```
mongoose.connect('mongodb://127.0.0.1:2701b',  
  { student IP: 127
```

```
  use new uri pyemu: true
```

```
  use unified topology: true.
```

```
* Then (s) => console.log(mongoose connected  
  successfully)
```

```
* Then (s) => console.log(mongoose
```


S cog (err);

Step 3: Create a Schema & model.

const * student schema = new mongoose.

schema - C & D.

name = string

age = number

Course = string

grad = string

Const Student:- model (the student schema);

Step-4 perform create

only one function create student C & D

const student = new student () {

name = 'vinay'

age = 21

course = 'C.S.E

grad = 'n'

4);

~~const - result :- array student (age ();~~

~~console - log (student Created = result);~~

4

a Sync Function student C & D

const student [] = wait student () {

console . log (All stud : student);

4

const student - a wait student find (a grad's)
d and update C

id

{ grad; n};

{ new; true;

};

3 console.log (copied core: student);

Delete:-

a. Sync func delete student (id) &
const key - a wait student find by
ID and Delete (id);

console.log (deleted student: result)
node op is.

output

~~student created: 2~~

- id: 05 = 414262 Pabssbdc7ab1234

name: Vinay Teja,

age: 21

course: C.S.C

grade: 'A'

- v = 0,

3

all student = 2

{ id: ---, name: age 21, course

C.S.C grade = 'A'

update student = { ... } - grade = 'B';

Delete student = { ... } - { ... }

VEL TECH - CSE	
EX NO.	10
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	-
TOTAL (20)	15
SIGN WITH DATE	

Result implemented all CRUD operation
like creating in sorting and memory operations
using mongoose. is executed successfully.