TASK (10):

CRUD OPERATIONS in Document Database :-

Aim: To perform crud operations m ongouse s)
mongo DB document database.

→ Node is installed
→ mongo DB installed locality (or) use mango
DB.

At 6as

→ NPM packages.

step:1: initialize a node is project:

mangoose — crud
cd mangoose — crud
npm ime-y
npm install mongoose

step-2: Connect to mongo D.B :

const mongoose := require (mongoose):
mongoose connect (mongodb: 1127.001 =2706)
(s tudent) PB: 3

use new ur piyenu= true
use uuetted Topology = True
* Then (s) =) console. log (mongeoes connecte d)
successfully)

* (atch (err) =) console log (err);

step:3: create a Schema & model:

const student schema=mew mongoose
Schema -cg d
name: string
age = numbers
cause : strings
awad = string

const student: mongoos= model ("ste the student
Schema).

Step4 Perform crup:

```
anyone function create student(){
  const student = new student({
    name: "vinay"
    age: 21
    course: c-S-E
    grad: -m
  4):
  const result = amary student save():
  console-log("student created:result);
}
async function students(){
  const student[]= wait student(mdD:
  console.log ("All stud=", students:
}
const students await students t find (2 grade:A"?
                d and update (
         id
       { grad! n);
       { new: true}
     };
    console aog(updace cre = student):
```

Delete:

```
a sync fun G deleter student (id){
  count key word await student find by
  I D    and delete (id):
  consle log (Deleted student - result" )
  node opr tis
```

output:

Student created:{
  -id = 0524+4262 CF 9 bs 6dc7 9b229 y

  name: vinay Tesq

  age = 21

  course: c.s.e

  grade: A

  -v = 0,
}

All student =[
{- id - - - , name = age=21= course;
c-s-e grade : IA" }
}
update student = {- -- grad = n:4
Delete student = {---}

VEL TECH	
EX No.	10/6
PERFORMANCE (5)	
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	
TOTAL (20)	15
SIGN WITH DATE	

13/6/3

Result: The implemented or CRUD operation like creating in sorting finding and memory operation using moagoog . s executed successfly