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DATE: 13/10/25
Task 10: CRUD OPERATION: IN DOCUMENT
     DATABASES
AIM: To CRUD operations in document databases
collège management database in SQL
 Step1: Create Database:
  CREATE DATABASE COLLEGE DB;
   USE college DB;
  step2: create. tables.
  CREATE TABLE students (
    Student_Id INT PRIMARY KEY AUTO_INCREMENT
  Name VARCHAR (100)
    roll no VARLAAR (20) UNIQUE,
    department VARCHAR (50),
    age INIT
   (REATE TABLE COUYSENC
   course_id INT PRTMIARY KEY AUTO-INCREMEN
       course-name VARLHAR(100)
      course-code VARCHAR (20) UNIQE.
   Credity INT
   );
   CREATE TABLE STAFF (
        Staff-id INT PRIMARY KEX AUTO-
        Increment,
```

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name VARCHARGOO)
        Hole VARIHARLSO)
        department VAR(HAR (50)
 step 3: Insert Records:
 INSERT INTO Students (name, voll-no, department age)
(Bob Smith', 'sloz', 'mechanical': 21). ('charlie Brown')
 'Slos, '(iril',19);
Courses :
INSERT INTO studends (name, roll-no, department, age)
 LBob Smith', 15102', Mechanical; 21),
  C'charlie Brown; 15103; (civil; 19);
   INSERT INTO LOURSES ( LOUYEes -name, course lode,
 COURSES:
   ( batabase system', (5301,4)
    (Thermodynanics, MEZO1, 3)
     (Structural Analysis; "LEIDI; 4);
INSERT INTO STAFF (Name, Yole, department)
  ('Dr -smith', 'professor', 'completer science'),
 VALUES
 Sor, John ; lecturer; 'Mechanical')
  (Dr, Anne', (AOD', (civil');
Step4: Read Iquery Records
 select * from students where depertment
                                 compater science;
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	Name Alice Johnson	Rollino	department	age	
		5101	computer science	20	
zelect	from (ourses. Where	Credits = 4;	-	ı
nno	sino course-mame		course-rade	Credits	ı
1	data base systems		(530)	b	
2	structu	ral Analysist	(E 10)	4	ı
31-0	p5 update	e Records.			ı
	UPPATE SET (** WHERE	courses edits = 4 Course = Eoc pelele Recor From Course	le = 'ME201';	e - cocle= 'CEI	13;