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IBM17CS049

BDA Lab - 1

Q) To create

1) College Database

Collections

2) Student 3) Faculty 4) COE 5) Library 6) Admission

7) College Festival

Min 6 attributes (4 values each)

Create Database:-

use 'Database-Name' => use College

Create Collection:-

db.createCollection("Name")

2) db.createCollection("Student")

3) db.createCollection("Faculty")

4) db.createCollection("COE")

5) db.createCollection("Library")

6) db.createCollection("Admission")

7) db.createCollection("College Festival")

Insertion:-

2) db.Student.insert({_id:1, StudName:"Sufyan", Grade:"V", Roll:"50",
Hobbies:"Reading", Department:"CSE", Result:"Pass"})

3) db.Faculty.insert({_id:2, FacName:"Manjula", Position:"Assistant Prof",
Subject:"Hindi", Exp:"5", Department:"Hindi", ClassAssign:"2"})

4) db.COE.insert({_id:1, Exam:"SEE", Department:"ML", Year:"III",
Difficulty:"Easy", NoOfQs:"20", Sets:"1"})

5) db.Admission.insert({_id:2, AdmType: "CET", Rank: "320",
Department: "CSE", Percentage: "95", Fees: "62000",
Category: " 2BGr" })

6) db.Library.insert({_id:3, Category: "Maths", BookNo: "1254", Num: "4",
Cost: "320", Borrowed: "2/2/19", Return: "5/2/19" })

7) db.College.Festival.insert({_id:4, Name: "VTSAV", ManagingDep: "All",
Participants: "12500", Cost: "96000", Date: "11/7/18",
WinningCol: "RVCE" })

Result:-

switched to db College

Created Collection => ok

Inserted 1 record(s) in 3ms x 6x4:

Teacher's Signature : _____