Salina M S Mammy   01   24/9/2020

1Bm18CS417   Bytes
BDA Lab   Class

Q 1). College Database
          collections. i) Student
                        2) Faculty
                        3) COE
                        4) Library
                        5) Admission

i] use college

db. createCollection ("Student").
{"OK" : 1}
db. createCollection ("Faculty"),
{"OK" : 1}
db. createCollection ("coe"),
{"OK" : 1}
db. createCollection ("Library"),
{"ok" : 1}
db. createCollection ("Admission"),
{"ok" : 1}
db. createCollection ("Festival")
{"OK" : 1}

2). Insertion in Student :
     1) db. Student. insert ({id : 1, StudName : "Salina",
     USN : "1BM18CS417", email : "salinams.cs18@bmsce.ac.in",
     sem : 7, CGPA : 8 })

     2) db. Student. insert ({id. 2, StudName : "Shubha",
     USN : "1BM18CS419", email : "shubhas19@gmail.com",
     sem : 7, CGPA : 8 }).

Faculty

1) db.Faculty.insert({ _id: 1, FName: "Pallavi", Dept: "CS", email: "Pallavi48@gmail.com", sub: "BCA" })

2) db.Faculty.insert({ _id: 2, FName: "Latha", Dept: "CS", email: "lathanX@gmail.com", sub: "BBA" })

COE

1) db.coe.insert({ _id: 1, name: "BRE", Dept: "CS", email: "grmasad@gmail.com", ph.no: "8762050003" })

2) db.coe.insert({ _id: 2, name: "Vani", Dept: "CS", email: "vani@gmail.com", ph.no: "6360106330" })

Library

1) db.Library.insert({ _id: 1, BookName: "ABA", SNo: "191", Author: "James Clerk", copies: 5 })

2) db.Library.insert({ _id: 2, BookName: "C.Prog", SNo: "122", Author: "James watson", copies: 7 })

Admission

1) db.Admission.insert({ _id: 1, FName: "Shivu", type: "BCET", from: "AP", Percentage: "93" })

db.Admission.insert({ _id: 2, FName: "Shubha", type: "BCET", from: "UP", Percentage: "95" })

Festival:

1) db festival insert ({ id: , fname: , type: "Academic", dept: , coordinator: })

db festival insert ({ id: 2, fname: , type: "workshop", dept: , coordinator: })

Selection queries

1) db Student find ({ Studname: "satish" })

2) db Faculty find ({ fname: "Pallavi" })

3) db COE find ({ name: "GRP" })

4) db Library find ({ forms: })

5) db Admission find ({})

6) db festival find ({})