

24/09/2020

Name:- VRUNDA.N

1BM17CS126

BPA-Lab-1

- Q1) college database collections
- 1) Student
  - 2) Faculty
  - 3) COE
  - 4) Library
  - 5) Admission

1) use college .

creation of colleges:-

```
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 }
```

①

vrunda

## 2) Insertion in Student

① db.student.insert({\_id: 1, StudName: "Saba", USN: "1BM17CS0001",  
email: "saba@gmail.com", Sem: 7, Cgpa: 9.1});

qlp:- writeResult({ "nInserted": 1 });

② db.student.insert({\_id: 2, StudName: "madhu", USN: "1BM17CS126",  
email: "madhu@gmail.com", Sem: 5, Cgpa: 9.1});

③ db.student.insert({\_id: 3, StudName: "Chaitu", USN: "1BM17CS062",  
email: "chaitu@gmail.com", Sem: 4, Cgpa: 9.1});

④ db.student.insert({\_id: 4, StudName: "Hemika", USN: "1BM17CS063",  
email: "hemika@gmail.com", Sem: 3, Cgpa: 9.1});

Faculty

① db.faculty.insert({\_id: 1, FName: "pallavi", Dept: "CSE", email: "pallavi@gmail.com",  
Sem: 3, Subject: "BDA"});

② db.faculty.insert({\_id: 2, FName: "mahalak", Dept: "ISE", email: "mahalak@gmail.com",  
Sem: 3, Subject: "IS"});

③ db.faculty.insert({\_id: 3, FName: "Latha", Dept: "CSE", email: "latha@gmail.com",  
Sem: 5, Subject: "OS"});

④ db.faculty.insert({\_id: 4, FName: "Nedika", Dept: "CSE", email: "nedika@gmail.com",  
Sem: 7, Subject: "CN"});

## COE

- ① db.coe.insert({\_id: 1, name: "navi", dept: "cse", email: "navi@gmail.com",  
phno: "8169090947", lastme: "L"});
- ② db.coe.insert({\_id: 2, name: "deepa", dept: "sec", email: "deepa@gmail.com",  
phno: "996090087", lastme: "S"});
- ③ db.coe.insert({\_id: 3, name: "nidhi", dept: "sec", email: "nidhi@gmail.com",  
phno: "880904749", lastme: "K"});

## Library

- ① db.library.insert({\_id: 1, BookNo: "Sherlock Home", BookNo: "1", Author: "Conan Doyle",  
Domain: "Stories", nooknoip: "3"});
- ② db.library.insert({\_id: 2, BookNo: "Operatyhsh", BookNo: "2", Author: "John",  
Domain: "Gynphscr", nooknoip: "5"});

## Admission

- ① db.admission.insert({\_id: 1, name: "saba", type: "comedy", hallipoint: "97",  
hallipoint: "98", place: "AP"});
- ② db.admission.insert({\_id: 2, name: "madhu", type: "CET", hallipoint: "89",  
hallipoint: "90", place: "Hyd"});

## Festival

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(BM12CS12)

- ① db . Festival . insert ( { \_id : 1 , Name : "Pandu-ody", Etya : "Adduie",  
dept : "CSE", co-ordinator : "saba", phnum : "789047489" } ).
- ② db . Festival . insert ( { \_id : 2 , Name : "Treasurer", Etya : "Fun", dept : "CSE",  
co-ordinator : "sagu", phnum : "9800819047" } ).

## Selection Queries

- ① db . student . find ( { student : "saba" } ).

O/P

{ "\_id" : 1 , "student" : "saba" , "usn" : "BM12CS001",  
"email" : "saba@gmail.com" , "age" : 7 , "cpga" : 7 }

- ② db . faculty . find ( { name : "pandu" } ).

- ③ db . COE . find ( { name : "Nidhi" } ).

- ④ db . library . find ( { } ).

- ⑤ db . admission . find ( { } ).

- ⑥ db . festival . find ( { } ).