

Lab-1

IBM17CS024

Diksha Jain.

1. College Database

Collections :

1. Student

2. Faculty

3. COE

4. Library

5. Admission

> use. College ;

> db.createCollection("Student");

> db.createCollection("Faculty");

> db.createCollection("COE");

> db.createCollection("Library");

> db.createCollection("Admission");

> db.createCollection("CollegeFestival");

```
> db.Student.insert ( { _id : 1 ,  
                        Sname : "Diksha Jain" ,  
                        Sem : "VII" ,  
                        Hobbies : "Sketching"  
                      } );
```

```
> db.Student.find ( { SName : "Muskan" } );
```

```
> db.Faculty.insert ( { _id : 1 ,  
                      FName : "Micheal" ,  
                      isHOD : "NO" ,  
                      specialization : "Machine Learning"  
                    } );
```

```
> db.COE.insert ( { id: 1,
                    name: "Guruprasad",
                    Phone: "970842134",
                    Address: "address1",
                    salary: 80000,
                    DOB: "02/12/1980"
                  } );
```

```
> db.Library.insert ( { id: 1,
                        name: "Priya",
                        Phone: "9824178800",
                        address: "address",
                        salary: "80,500",
                        DOB: "2/07/1975"
                      } );
```

```
7 db. Admission.insert ( { _id : 1 ,  
                           Name : "Raja" ,  
                           Phone : "9901444201" ,  
                           address : "address" ,  
                           post : "Cashier" ,  
                           DOB : "09/10/1975" ,  
                           } )
```

```
7 db. College Festival.insert ( { _id : 1 ,  
                                  Name : "Utsav" ,  
                                  participants expected : 500 ,  
                                  participants attended : 400 ,  
                                  theme : "90s" ,  
                                  venue : "BMSCE" ,  
                                  } )
```