**Excersis 1:**

1.Create a Database – newHRDatabase

2.Create two collections (a)PersonalInfo  (b) ProfessionalInfo

3.Insert documents in collection.

**Personal Info Documents:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Empid | EmpName | Age | Gender | Contact | City |
| X20221010 | Pritam | 26 | Male | 9988776655 | Delhi |
| X20221011 | Gitanjali | 27 | Female |  | New York |
| X20221013 | Sonam | 29 | Female | 7788995533 | Bangaluru |
| X20221017 | Shekhar | 28 | Male |  | Pune |

Commands:

1.To create database and collections

newHRDataBase> use newHRDataBase

newHRDataBase> db.createCollection("PersonalInfo");

newHRDataBase> db.createCollection("ProfessionalInfo");

newHRDataBase> show collections

2.Insert data into PersonalInfo and ProfessionaIinfo

PersonalInfo:

newHRDataBase>db.PersonalInfo.insert(

{Empid:"X20221010",EmpName:"Pritam",Age:26,Gender:"Male",contact:9988776655,city:"Delhi"})

newHRDataBase> db.PersonalInfo.insertMany([

{Empid:"X20221011",EmpName:"Gitanjali",Age:27,Gender:"Female",city:"New York"}, {Empid:"X20221013",EmpName:"Sonam",Age:29,Gender:"Female",Contact:7789995533,city:"Pune"},

{Empid:"X20221017",Empname:"Shekhar",Age:29,Gender:"Male",City:"Pune"}])

newHRDataBase> db.PersonalInfo.find().pretty()

**Professional Info**

|  |  |  |
| --- | --- | --- |
| Designation | Department | Income |
| Consultant | Finance | 80000 |
| Sr. Developer | IT | 90000 |
| Data Analyst | Software | 150000 |
| Manager | Logistics | 200000 |

Professinal Info:

newHRDataBase> db.ProfessinalInfo.insertMany([ {Designation:'Consultant',Department:'Finance',Income:80000},

{Designation:"Sr. Developer",Department:"IT",Income:90000},

{Designation:"Data Analyst",Department:"Software",Income:150000}, {Designation:"Manager",Department:"Logistics",Income:200000}])

newHRDataBase> db.ProfessinalInfo.find().pretty()

1. Update Collection Documents

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Empid | EmpName | Age | Gender | City |
| X20221011 | Gitanjali | 25 | Female | Chennai |
| X20221013 | Sonam | 31 | Female | Kolkata |

Commands to update:

newHRDataBase> db.PersonalInfo.update({'Age':27},{$set:{'Age':25}})

newHRDataBase> db.PersonalInfo.update({'City':'New York'},{$set:{'City':'Chennai'}})

newHRDataBase> db.PersonalInfo.update({'city':'New York'},{$set:{'city':'Chennai'}})