

Q1: Create a database in MongoDB with named as Hospital information System.

```
test> use HospitalInformationSystem
switched to db HospitalInformationSystem
```

Q2: Write a command to delete the above database.

```
HospitalInformationSystem> db.dropDatabase()
{ ok: 1, dropped: 'HospitalInformationSystem' }
```

Q3: Write a command to create collection named as MBBS2016.

```
HospitalInformationSystem> db.createCollection("MBBS2016")
```

Q4: Write a command to insert a name "Shubham Kumar" in MBBS2016 collection.

```
HospitalInformationSystem> db.MBBS2016.insertOne({ studentname: "Shubham Kumar" })
{
  acknowledged: true,
  insertedId: ObjectId("65447597eb95541b58184e57")
}
```

Q5: Write the command to delete MBBS2016 collection.

```
HospitalInformationSystem> db.MBBS2016.drop()
true
```

Q6: Write the command to insert single value in a document. Use collection MBBS2016(\_id, studentname, Specializationname)

```
HospitalInformationSystem> db.MBBS2016.insertOne({id: 1,studentname: "Shubham Kumar"},{Specializationname: "Cardiology"})
{
  acknowledged: true,
  insertedId: ObjectId("65447622eb95541b58184e58")
}
```

Q7: Write a command to insert many values in a document. Use collection HOD(\_id, HODname, Departmentname, year)

```
HospitalInformationSystem> db.HOD.insertMany([{_id: 1, HODname: "Dr. John", Departmentname: "Cardiology", year: 2023 }, { id: 2, HODname: "Dr. Sarah", Departmentname: "Radiology", year: 2022 }, { id: 3, HODname: "Dr. Mike", Departmentname: "Orthopedics", year: 2021 }])
{
  acknowledged: true,
  insertedIds: {
    '0': 1,
    '1': ObjectId("65447665eb95541b58184e59"),
    '2': ObjectId("65447665eb95541b58184e5a")
  }
}
```

Q8: Write a query to find Department name Cardiology or Radiology. Consider values from query 7.

```
HospitalInformationSystem> db.HOD.find({Departmentname:"Cardiology"})
[
  {
    _id: 1,
    HODname: 'Dr. John',
    Departmentname: 'Cardiology',
    year: 2023
  }
]
HospitalInformationSystem> db.HOD.find({Departmentname:"Radiology"})
[
  {
    _id: ObjectId("65447665eb95541b58184e59"),
    id: 2,
    HODname: 'Dr. Sarah',
    Departmentname: 'Radiology',
    year: 2022
  }
]
```