

Hospital Management

MongoDB Assignment-1

Group Members:

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1. Patients

```
db.patients.insertMany([ {patient_id:"01",name:"vaibhav",dob:"01-02-2004",gender:"male",phone:"94456454565"}, {patient_id:"02",name:"Prexa",dob:"02-02-2002",gender:"female",phone:"78945612341"} ])
```

```
-----
db.patients.insertMany([ {patient_id:"03",name:"vishal",dob:"01-02-2004",gender:"male",phone:"94456454565"}, {patient_id:"04",name:"Priya",dob:"02-02-2002",gender:"female",phone:"78945612341"}, {patient_id:"05",name:"vishali",dob:"01-02-2004",gender:"female",phone:"94456454565"}, {patient_id:"06",name:"Priyank",dob:"02-02-2002",gender:"male",phone:"78945612341"}, {patient_id:"07",name:"kaushal",dob:"01-02-2004",gender:"male",phone:"94456454565"}, {patient_id:"08",name:"kirshna",dob:"02-02-2002",gender:"female",phone:"78945612341"}, {patient_id:"09",name:"vraj",dob:"01-02-2004",gender:"male",phone:"94456454565"}, {patient_id:"10",name:"pooja",dob:"02-02-2002",gender:"female",phone:"78945612341"} ])
```

```
hospitalmanagement> db.patients.find().pretty()
[
  {
    _id: ObjectId("6796f44f1a42faf8db18f86d"),
    patient_id: '01',
    name: 'vaibhav',
```

```
dob: '01-02-2004',
gender: 'male',
phone: '94456454565'
},
{
  _id: ObjectId("6796f44f1a42faf8db18f86e"),
  patient_id: '02',
  name: 'Prexa',
  dob: '02-02-2002',
  gender: 'female',
  phone: '78945612341'
},
{
  _id: ObjectId("6796f5e685e58bfda7709ebc"),
  patient_id: '03',
  name: 'vishal',
  dob: '01-02-2004',
  gender: 'male',
  phone: '94456454565'
},
{
  _id: ObjectId("6796f5e685e58bfda7709ebd"),
  patient_id: '04',
  name: 'Priya',
  dob: '02-02-2002',
  gender: 'female',
  phone: '78945612341'
},
{
  _id: ObjectId("6796f5e685e58bfda7709ebe"),
  patient_id: '05',
  name: 'vishali',
  dob: '01-02-2004',
  gender: 'female',
  phone: '94456454565'
},
{
  _id: ObjectId("6796f5e685e58bfda7709ebf"),
  patient_id: '06',
  name: 'Priyank',
  dob: '02-02-2002',
  gender: 'male',
  phone: '78945612341'
},
{
```

```
_id: ObjectId("6796f5e685e58bfda7709ec0"),
patient_id: '07',
name: 'kaushal',
dob: '01-02-2004',
gender: 'male',
phone: '94456454565'
},
{
  _id: ObjectId("6796f5e685e58bfda7709ec1"),
  patient_id: '08',
  name: 'kirshna',
  dob: '02-02-2002',
  gender: 'female',
  phone: '78945612341'
},
{
  _id: ObjectId("6796f5e685e58bfda7709ec2"),
  patient_id: '09',
  name: 'vraj',
  dob: '01-02-2004',
  gender: 'male',
  phone: '94456454565'
},
{
  _id: ObjectId("6796f5e685e58bfda7709ec3"),
  patient_id: '10',
  name: 'pooja',
  dob: '02-02-2002',
  gender: 'female',
  phone: '78945612341'
}
]
```

2. Doctors

```
db.doctors.insertMany([ {doctor_id:"01",name:"ronak",speciality:"brain",phone:"4567891234"}, {doctor_id:"02",name:"kaushal",speciality:"heart",phone:"4567891234"}, {doctor_id:"03",name:"ravi",speciality:"brain",phone:"4567891234"}, {doctor_id:"04",name:"kartik",speciality:"mental",phone:"4567891234"}, {doctor_id:"05",name:"harsh",speciality:"leg",phone:"4567891234"}, {doctor_id:"06",name:"tanvi",speciality:"dental",phone:"4567891234"}, {doctor_id:"07",name:"vikram",speciality:"brain",phone:"4567891234"}, {doctor_id:"08",name:"sakshi",speciality:"eye",phone:"4567891234"}, {doctor_id:"09",name:"vrushali",speciality:"heart",phone:"4567891234"}, {doctor_id:"10",name:"rohini",speciality:"brain",phone:"4567891234"} ])
```

```
hospitalmanagement> db.doctors.find().pretty()
[
  {
    _id: ObjectId("6796f8f3285e1e403df4df33"),
    doctor_id: '01',
    name: 'ronak',
    speciality: 'brain',
    phone: '4567891234'
  },
  {
    _id: ObjectId("6796f8f3285e1e403df4df34"),
    doctor_id: '02',
    name: 'kaushal',
    speciality: 'heart',
    phone: '4567891234'
  },
  {
    _id: ObjectId("6796f8f3285e1e403df4df35"),
    doctor_id: '03',
    name: 'ravi',
    speciality: 'brain',
    phone: '4567891234'
  },
  {
    _id: ObjectId("6796f8f3285e1e403df4df36"),
    doctor_id: '04',
    name: 'kartik',
    speciality: 'mental',
    phone: '4567891234'
  },
  {
    _id: ObjectId("6796f8f3285e1e403df4df37"),
    doctor_id: '05',
    name: 'harsh',
    speciality: 'leg',
    phone: '4567891234'
  },
  {
    _id: ObjectId("6796f8f3285e1e403df4df38"),
    doctor_id: '06',
    name: 'tanvi',
    speciality: 'dental',
    phone: '4567891234'
  },
  {
    _id: ObjectId("6796f8f3285e1e403df4df39"),
    doctor_id: '07',
    name: 'vikram',
    speciality: 'brain',
    phone: '4567891234'
  },
  {
    _id: ObjectId("6796f8f3285e1e403df4df40"),
    doctor_id: '08',
    name: 'sakshi',
    speciality: 'eye',
    phone: '4567891234'
  },
  {
    _id: ObjectId("6796f8f3285e1e403df4df41"),
    doctor_id: '09',
    name: 'vrushali',
    speciality: 'heart',
    phone: '4567891234'
  },
  {
    _id: ObjectId("6796f8f3285e1e403df4df42"),
    doctor_id: '10',
    name: 'rohini',
    speciality: 'brain',
    phone: '4567891234'
  }
]
```

```
{
  _id: ObjectId("6796f8f3285e1e403df4df37"),
  doctor_id: '05',
  name: 'harsh',
  speciality: 'leg',
  phone: '4567891234'
},
{
  _id: ObjectId("6796f8f3285e1e403df4df38"),
  doctor_id: '06',
  name: 'tanvi',
  speciality: 'dental',
  phone: '4567891234'
},
{
  _id: ObjectId("6796f8f3285e1e403df4df39"),
  doctor_id: '07',
  name: 'vikram',
  speciality: 'brain',
  phone: '4567891234'
},
{
  _id: ObjectId("6796f8f3285e1e403df4df3a"),
  doctor_id: '08',
  name: 'sakshi',
  speciality: 'eye',
  phone: '4567891234'
},
{
  _id: ObjectId("6796f8f3285e1e403df4df3b"),
  doctor_id: '09',
  name: 'vrushali',
  speciality: 'heart',
  phone: '4567891234'
},
{
  _id: ObjectId("6796f8f3285e1e403df4df3c"),
  doctor_id: '10',
  name: 'rohini',
  speciality: 'brain',
  phone: '4567891234'
}
]
```

3. Departments

```
db.department.insertMany([
  {department_id:"01",name:"cardiology",location:"Ward A",head_id:"01"},
  {department_id:"02",name:"cardiology",location:"Ward A",head_id:"02"},
  {department_id:"03",name:"cardiology",location:"Ward A",head_id:"03"},
  {department_id:"04",name:"Orthopadicts",location:"Ward A",head_id:"04"},
  {department_id:"05",name:"Pediatrics",location:"Ward A",head_id:"05"},
  {department_id:"06",name:"Urology",location:"Ward A",head_id:"06"},
  {department_id:"07",name:"Neurology",location:"Ward A",head_id:"07"},
  {department_id:"08",name:"Dermatology",location:"Ward A",head_id:"08"},
  {department_id:"09",name:"cardiology",location:"Ward A",head_id:"09"},
  {department_id:"10",name:"cardiology",location:"Ward A",head_id:"10"}])
```

```
hospitalmanagement> db.department.find().pretty()
```

```
[
  {
    _id: ObjectId("6796fcd4d0f042d0f8e3e280"),
    department_id: '01',
    name: 'cardiology',
    location: 'Ward A',
    head_id: '01'
  },
  {
    _id: ObjectId("6796fcd4d0f042d0f8e3e281"),
    department_id: '02',
    name: 'cardiology',
    location: 'Ward A',
    head_id: '02'
  },
  {
    _id: ObjectId("6796fcd4d0f042d0f8e3e282"),
    department_id: '03',
    name: 'cardiology',
    location: 'Ward A',
    head_id: '03'
  },
  {
    _id: ObjectId("6796fcd4d0f042d0f8e3e283"),
    department_id: '04',
    name: 'Orthopadicts',
    location: 'Ward A',
    head_id: '04'
  }
]
```

```
},
{
  _id: ObjectId("6796fcd4d0f042d0f8e3e284"),
  department_id: '05',
  name: 'Pediatrics',
  location: 'Ward A',
  head_id: '05'
},
{
  _id: ObjectId("6796fcd4d0f042d0f8e3e285"),
  department_id: '06',
  name: 'Urology',
  location: 'Ward A',
  head_id: '06'
},
{
  _id: ObjectId("6796fcd4d0f042d0f8e3e286"),
  department_id: '07',
  name: 'Neurology',
  location: 'Ward A',
  head_id: '07'
},
{
  _id: ObjectId("6796fcd4d0f042d0f8e3e287"),
  department_id: '08',
  name: 'Dermatology',
  location: 'Ward A',
  head_id: '08'
},
{
  _id: ObjectId("6796fcd4d0f042d0f8e3e288"),
  department_id: '09',
  name: 'cardiology',
  location: 'Ward A',
  head_id: '09'
},
{
  _id: ObjectId("6796fcd4d0f042d0f8e3e289"),
  department_id: '10',
  name: 'cardiology',
  location: 'Ward A',
  head_id: '10'
}
]
```

4. Appointments:

```
db.appointments.insertMany([ {appointment_id:"01",patient_id:"01",doctor_id:"01",ap
pointment_date:"01-01-
2024",status:"confirm"},{appointment_id:"02",patient_id:"02",doctor_id:"02",appoint
ment_date:"01-01-
2020",status:"confirm"},{appointment_id:"03",patient_id:"03",doctor_id:"03",appoint
ment_date:"01-01-
2014",status:"pending"},{appointment_id:"04",patient_id:"04",doctor_id:"04",appoint
ment_date:"01-01-
2021",status:"completed"},{appointment_id:"05",patient_id:"05",doctor_id:"05",appoi
ntment_date:"01-01-
2022",status:"completed"},{appointment_id:"06",patient_id:"06",doctor_id:"06",appoi
ntment_date:"01-01-
2023",status:"confirm"},{appointment_id:"07",patient_id:"07",doctor_id:"07",appoint
ment_date:"01-01-
2024",status:"pending"},{appointment_id:"08",patient_id:"08",doctor_id:"08",appoint
ment_date:"01-01-
2020",status:"confirm"},{appointment_id:"09",patient_id:"09",doctor_id:"09",appoint
ment_date:"01-01-
2019",status:"confirm"},{appointment_id:"10",patient_id:"10",doctor_id:"10",appoint
ment_date:"01-01-2024",status:"confirm"}])
```

```
hospitalmanagement> db.appointments.find().pretty()
```

```
[
  {
    _id: ObjectId("67970128d0f042d0f8e3e28a"),
    appointment_id: '01',
    patient_id: '01',
    doctor_id: '01',
    appointment_date: '01-01-2024',
    status: 'confirm'
  },
  {
    _id: ObjectId("67970128d0f042d0f8e3e28b"),
    appointment_id: '02',
    patient_id: '02',
    doctor_id: '02',
    appointment_date: '01-01-2020',
    status: 'confirm'
  },
  {
    _id: ObjectId("67970128d0f042d0f8e3e28c"),
    appointment_id: '03',
```



```
patient_id: '03',
doctor_id: '03',
appointment_date: '01-01-2014',
status: 'pending'
},
{
  _id: ObjectId("67970128d0f042d0f8e3e28d"),
  appointment_id: '04',
  patient_id: '04',
  doctor_id: '04',
  appointment_date: '01-01-2021',
  status: 'completed'
},
{
  _id: ObjectId("67970128d0f042d0f8e3e28e"),
  appointment_id: '05',
  patient_id: '05',
  doctor_id: '05',
  appointment_date: '01-01-2022',
  status: 'completed'
},
{
  _id: ObjectId("67970128d0f042d0f8e3e28f"),
  appointment_id: '06',
  patient_id: '06',
  doctor_id: '06',
  appointment_date: '01-01-2023',
  status: 'confirm'
},
{
  _id: ObjectId("67970128d0f042d0f8e3e290"),
  appointment_id: '07',
  patient_id: '07',
  doctor_id: '07',
  appointment_date: '01-01-2024',
  status: 'pending'
},
{
  _id: ObjectId("67970128d0f042d0f8e3e291"),
  appointment_id: '08',
  patient_id: '08',
  doctor_id: '08',
  appointment_date: '01-01-2020',
  status: 'confirm'
},
```

```
{
  _id: ObjectId("67970128d0f042d0f8e3e292"),
  appintment_id: '09',
  patient_id: '09',
  doctor_id: '09',
  appointment_date: '01-01-2019',
  status: 'confirm'
},
{
  _id: ObjectId("67970128d0f042d0f8e3e293"),
  appintment_id: '10',
  patient_id: '10',
  doctor_id: '10',
  appointment_date: '01-01-2024',
  status: 'confirm'
}
]
```

5. Medicines:

```
db.medicines.insertMany([ {medicine_id:"01",name:"Aspirin",type:"Analgesic",cost:"10"},{medicine_id:"02",name:"Metformin",type:"Antidiabetic",cost:"50"},{medicine_id:"03",name:"Amoxicillin",type:"Antibiotic",cost:"15"},{medicine_id:"04",name:"Lisinopril",type:"Antihypertensive",cost:"10"},{medicine_id:"05",name:"Aspirin",type:"Analgesic",cost:"10"},{medicine_id:"06",name:"Aspirin",type:"Analgesic",cost:"10"},{medicine_id:"07",name:"Metformin",type:"Antidiabetic",cost:"10"},{medicine_id:"08",name:"Hydrocodone",type:"Pain Reliever",cost:"18"},{medicine_id:"09",name:"Simvastaint",type:"Analgesic",cost:"20"},{medicine_id:"10",name:"Aspirin",type:"Analgesic",cost:"10"}])
```

```
hospitalmanagement> db.medicines.find().pretty()
```

```
[
  {
    _id: ObjectId("679704a9d0f042d0f8e3e294"),
    medicine_id: '01',
    name: 'Aspirin',
    type: 'Analgesic',
    cost: '10'
  },
  {
    _id: ObjectId("679704a9d0f042d0f8e3e295"),
    medicine_id: '02',
    name: 'Metformin',
    type: 'Antidiabetic',
    cost: '50'
  },
  {
    _id: ObjectId("679704a9d0f042d0f8e3e296"),
    medicine_id: '03',
    name: 'Amoxicillin',
    type: 'Antibiotic',
    cost: '15'
  },
  {
    _id: ObjectId("679704a9d0f042d0f8e3e297"),
    medicine_id: '04',
    name: 'Lisinopril',
    type: 'Antihypertensive',
    cost: '10'
  },
  {
    _id: ObjectId("679704a9d0f042d0f8e3e298"),
```

```
    medicine_id: '05',
    name: 'Aspirin',
    type: 'Analgesic',
    cost: '10'
  },
  {
    _id: ObjectId("679704a9d0f042d0f8e3e299"),
    medicine_id: '06',
    name: 'Aspirin',
    type: 'Analgesic',
    cost: '10'
  },
  {
    _id: ObjectId("679704a9d0f042d0f8e3e29a"),
    medicine_id: '07',
    name: 'Metformin',
    type: 'Antidiabetic',
    cost: '10'
  },
  {
    _id: ObjectId("679704a9d0f042d0f8e3e29b"),
    medicine_id: '08',
    name: 'Hydrocodone',
    type: 'Pain Reliever',
    cost: '18'
  },
  {
    _id: ObjectId("679704a9d0f042d0f8e3e29c"),
    medicine_id: '09',
    name: 'Simvastaint',
    type: 'Analgesic',
    cost: '20'
  },
  {
    _id: ObjectId("679704a9d0f042d0f8e3e29d"),
    medicine_id: '10',
    name: 'Aspirin',
    type: 'Analgesic',
    cost: '10'
  }
]
```

6. Prescription

hospitalmanagement>

```
db.Prescription.insertMany([ {prescription_id:"01",appintment_id :  
"01",medicine_id:"01",dosage:"1  
tablate/night"}, {prescription_id:"02",appintment_id :  
"02",medicine_id:"02",dosage:"1  
capsule/day"}, {prescription_id:"03",appintment_id :  
"03",medicine_id:"03",dosage:"2 tablate/day"}, {prescription_id:"04",appintment_id :  
"04",medicine_id:"04",dosage:"2  
tablate/night"}, {prescription_id:"05",appintment_id :  
"05",medicine_id:"05",dosage:"2  
capsule/day"}, {prescription_id:"06",appintment_id :  
"06",medicine_id:"06",dosage:"1  
tablate/night"}, {prescription_id:"07",appintment_id :  
"07",medicine_id:"07",dosage:"1 tablate/day"}, {prescription_id:"08",appintment_id :  
"08",medicine_id:"08",dosage:"2  
tablate/night"}, {prescription_id:"09",appintment_id :  
"09",medicine_id:"09",dosage:"1 tablate/day"}, {prescription_id:"10",appintment_id :  
"10",medicine_id:"10",dosage:"2 tablate/night"} ]])
```

hospitalmanagement> db.Prescription.find().pretty()

```
[  
  {  
    _id: ObjectId('679a655d249ffac342cb0ce2'),  
    prescription_id: '01',  
    appintment_id: '01',  
    medicine_id: '01',  
    dosage: '1 tablate/night'  
  },  
  {  
    _id: ObjectId('679a655d249ffac342cb0ce3'),  
    prescription_id: '02',  
    appintment_id: '02',  
    medicine_id: '02',  
    dosage: '1 capsule/day'  
  },  
  {  
    _id: ObjectId('679a655d249ffac342cb0ce4'),  
    prescription_id: '03',  
    appintment_id: '03',  
    medicine_id: '03',  
    dosage: '2 tablate/day'  
  },  
]
```

```
{
  _id: ObjectId('679a655d249ffac342cb0ce5'),
  prescription_id: '04',
  appintment_id: '04',
  medicine_id: '04',
  dosage: '2 tablate/night'
},
{
  _id: ObjectId('679a655d249ffac342cb0ce6'),
  prescription_id: '05',
  appintment_id: '05',
  medicine_id: '05',
  dosage: '2 capsule/day'
},
{
  _id: ObjectId('679a655d249ffac342cb0ce7'),
  prescription_id: '06',
  appintment_id: '06',
  medicine_id: '06',
  dosage: '1 tablate/night'
},
{
  _id: ObjectId('679a655d249ffac342cb0ce8'),
  prescription_id: '07',
  appintment_id: '07',
  medicine_id: '07',
  dosage: '1 tablate/day'
},
{
  _id: ObjectId('679a655d249ffac342cb0ce9'),
  prescription_id: '08',
  appintment_id: '08',
  medicine_id: '08',
  dosage: '2 tablate/night'
},
{
  _id: ObjectId('679a655d249ffac342cb0cea'),
  prescription_id: '09',
  appintment_id: '09',
  medicine_id: '09',
  dosage: '1 tablate/day'
},
]
```

7. Bills

```
hospitalmanagement>db.Bills.insertMany([{bill_id:"01",patient_id:"01",amount:"100",status:"Paid"},{bill_id:"02",patient_id:"02",amount:"200",status:"Unpaid"},{bill_id:"03",patient_id:"03",amount:"150",status:"Paid"},{bill_id:"04",patient_id:"04",amount:"180",status:"Unpaid"},{bill_id:"05",patient_id:"05",amount:"300",status:"Paid"},{bill_id:"06",patient_id:"06",amount:"200",status:"Unpaid"},{bill_id:"07",patient_id:"07",amount:"170",status:"Unpaid"},{bill_id:"08",patient_id:"08",amount:"100",status:"Paid"},{bill_id:"09",patient_id:"09",amount:"160",status:"Paid"},{bill_id:"10",patient_id:"10",amount:"100",status:"Unpaid"}])
```

```
hospitalmanagement> db.Bills.find().pretty()
[
  {
    _id: ObjectId('679a680e249ffac342cb0cec'),
    bill_id: '01',
    patient_id: '01',
    amount: '100',
    status: 'Paid'
  },
  {
    _id: ObjectId('679a680e249ffac342cb0ced'),
    bill_id: '02',
    patient_id: '02',
    amount: '200',
    status: 'Unpaid'
  },
  {
    _id: ObjectId('679a680e249ffac342cb0cee'),
    bill_id: '03',
    patient_id: '03',
    amount: '150',
    status: 'Paid'
  },
  {
    _id: ObjectId('679a680e249ffac342cb0cef'),
    bill_id: '04',
    patient_id: '04',
    amount: '180',
    status: 'Unpaid'
  },
  {
    _id: ObjectId('679a680e249ffac342cb0cf0'),
    bill_id: '05',
```

```
patient_id: '05',
amount: '300',
status: 'Paid'
},
{
  _id: ObjectId('679a680e249ffac342cb0cf1'),
  bill_id: '06',
  patient_id: '06',
  amount: '200',
  status: 'Unpaid'
},
{
  _id: ObjectId('679a680e249ffac342cb0cf2'),
  bill_id: '07',
  patient_id: '07',
  amount: '170',
  status: 'Unpaid'
},
{
  _id: ObjectId('679a680e249ffac342cb0cf3'),
  bill_id: '08',
  patient_id: '08',
  amount: '100',
  status: 'Paid'
},
{
  _id: ObjectId('679a680e249ffac342cb0cf4'),
  bill_id: '09',
  patient_id: '09',
  amount: '160',
  status: 'Paid'
},
{
  _id: ObjectId('679a680e249ffac342cb0cf5'),
  bill_id: '10',
  patient_id: '10',
  amount: '100',
  status: 'Unpaid'
}
]
```

8. Admissions:

hospitalmanagement>

```
db.Admissions.insertMany([ {admission_id:"01",patient_id:"01",department_id:"01",
admission_date:"2023-01-10",release_date:"2023-01-
15"}, {admission_id:"02",patient_id:"02",department_id:"02",admission_date:"2023-
01-09",release_date:"2023-01-
16"}, {admission_id:"03",patient_id:"03",department_id:"03",admission_date:"2023-
01-12",release_date:"2023-01-
20"}, {admission_id:"04",patient_id:"04",department_id:"04",admission_date:"2023-
01-14",release_date:"2023-01-
21"}, {admission_id:"05",patient_id:"05",department_id:"05",admission_date:"2023-
01-15",release_date:"2023-01-
19"}, {admission_id:"06",patient_id:"06",department_id:"06",admission_date:"2023-
01-11",release_date:"2023-01-
18"}, {admission_id:"07",patient_id:"07",department_id:"07",admission_date:"2023-
01-13",release_date:"2023-01-
20"}, {admission_id:"08",patient_id:"08",department_id:"08",admission_date:"2023-
01-08",release_date:"2023-01-
16"}, {admission_id:"09",patient_id:"09",department_id:"09",admission_date:"2023-
01-05",release_date:"2023-01-
17"}, {admission_id:"10",patient_id:"10",department_id:"10",admission_date:"2023-
01-07",release_date:"2023-01-19"} ])
```

hospitalmanagement> db.Admissions.find().pretty()

```
[
  {
    _id: ObjectId('679a6a5d249ffac342cb0cf6'),
    admission_id: '01',
    patient_id: '01',
    department_id: '01',
    admission_date: '2023-01-10',
    release_date: '2023-01-15'
  },
  {
    _id: ObjectId('679a6a5d249ffac342cb0cf7'),
    admission_id: '02',
    patient_id: '02',
    department_id: '02',
    admission_date: '2023-01-09',
    release_date: '2023-01-16'
  },
  {
    _id: ObjectId('679a6a5d249ffac342cb0cf8'),
```

```
admission_id: '03',
patient_id: '03',
department_id: '03',
admission_date: '2023-01-12',
release_date: '2023-01-20'
},
{
  _id: ObjectId('679a6a5d249ffac342cb0cf9'),
  admission_id: '04',
  patient_id: '04',
  department_id: '04',
  admission_date: '2023-01-14',
  release_date: '2023-01-21'
},
{
  _id: ObjectId('679a6a5d249ffac342cb0cfa'),
  admission_id: '05',
  patient_id: '05',
  department_id: '05',
  admission_date: '2023-01-15',
  release_date: '2023-01-19'
},
{
  _id: ObjectId('679a6a5d249ffac342cb0cfb'),
  admission_id: '06',
  patient_id: '06',
  department_id: '06',
  admission_date: '2023-01-11',
  release_date: '2023-01-18'
},
{
  _id: ObjectId('679a6a5d249ffac342cb0cfc'),
  admission_id: '07',
  patient_id: '07',
  department_id: '07',
  admission_date: '2023-01-13',
  release_date: '2023-01-20'
},
{
  _id: ObjectId('679a6a5d249ffac342cb0cfd'),
  admission_id: '08',
  patient_id: '08',
  department_id: '08',
  admission_date: '2023-01-08',
  release_date: '2023-01-16'
}
```

```
},
{
  _id: ObjectId('679a6a5d249ffac342cb0cfe'),
  admission_id: '09',
  patient_id: '09',
  department_id: '09',
  admission_date: '2023-01-05',
  release_date: '2023-01-17'
},
{
  _id: ObjectId('679a6a5d249ffac342cb0cff'),
  admission_id: '10',
  patient_id: '10',
  department_id: '10',
  admission_date: '2023-01-07',
  release_date: '2023-01-19'
}
]
```

9. Treatments

```
db.treatments.insertMany([ {treatment_id:"01",admission_id:"01",description:"gdfgddgvd",date:"02-01-2019"}, {treatment_id:"02",admission_id:"02",description:"gdfgddgvd",date:"02-01-2014"}, {treatment_id:"03",admission_id:"03",description:"gdfgddgvd",date:"02-01-2019"}, {treatment_id:"04",admission_id:"04",description:"gdfgddgvd",date:"02-01-2020"}, {treatment_id:"05",admission_id:"05",description:"gdfgddgvd",date:"02-01-2009"}, {treatment_id:"06",admission_id:"06",description:"gdfgddgvd",date:"02-11-2011"}, {treatment_id:"07",admission_id:"07",description:"gdfgddgvd",date:"02-01-2014"}, {treatment_id:"08",admission_id:"08",description:"gdfgddgvd",date:"02-01-2029"}, {treatment_id:"09",admission_id:"09",description:"gdfgddgvd",date:"02-01-2012"}, {treatment_id:"10",admission_id:"10",description:"gdfgddgvd",date:"02-01-2019"} ])
```

```
[
  {
    _id: ObjectId("6796fdb4e90842d83ed52c4d"),
    treatment_id: '01',
    admission_id: '01',
    description: 'gdfgddgvd',
    date: '02-01-2019'
  },
  {
    _id: ObjectId("6796fdb4e90842d83ed52c4e"),
    treatment_id: '02',
    admission_id: '02',
    description: 'gdfgddgvd',
    date: '02-01-2014'
  },
  {
    _id: ObjectId("6796fdb4e90842d83ed52c4f"),
    treatment_id: '03',
    admission_id: '03',
    description: 'gdfgddgvd',
    date: '02-01-2019'
  },
  {
    _id: ObjectId("6796fdb4e90842d83ed52c50"),
    treatment_id: '04',
    admission_id: '04',
    description: 'gdfgddgvd',
    date: '02-01-2020'
  },
  {

```

```
_id: ObjectId("6796fdb4e90842d83ed52c51"),
treatment_id: '05',
admission_id: '05',
description: 'gdfgddgvd',
date: '02-01-2009'
},
{
  _id: ObjectId("6796fdb4e90842d83ed52c52"),
  treatment_id: '06',
  admission_id: '06',
  description: 'gdfgddgvd',
  date: '02-11-2011'
},
{
  _id: ObjectId("6796fdb4e90842d83ed52c53"),
  treatment_id: '07',
  admission_id: '07',
  description: 'gdfgddgvd',
  date: '02-01-2014'
},
{
  _id: ObjectId("6796fdb4e90842d83ed52c54"),
  treatment_id: '08',
  admission_id: '08',
  description: 'gdfgddgvd',
  date: '02-01-2029'
},
{
  _id: ObjectId("6796fdb4e90842d83ed52c55"),
  treatment_id: '09',
  admission_id: '09',
  description: 'gdfgddgvd',
  date: '02-01-2012'
},
{
  _id: ObjectId("6796fdb4e90842d83ed52c56"),
  treatment_id: '10',
  admission_id: '10',
  description: 'gdfgddgvd',
  date: '02-01-2019'
}
]
```

10. Test

```
db.tests.insertMany([{test_id:"01",name:"xray",cost:5000},{test_id:"02",name:"blood",cost:4500},{test_id:"03",name:"urine",cost:500},{test_id:"04",name:"xray",cost:5000},{test_id:"05",name:"blood",cost:4500},{test_id:"06",name:"xray",cost:5000},{test_id:"07",name:"blood",cost:4500},{test_id:"08",name:"urine",cost:500},{test_id:"09",name:"xray",cost:5000},{test_id:"10",name:"blood",cost:4500}])
```

```
[
  {
    _id: ObjectId("6796ff9de90842d83ed52c57"),
    test_id: '01',
    name: 'xray',
    cost: 5000
  },
  {
    _id: ObjectId("6796ff9de90842d83ed52c58"),
    test_id: '02',
    name: 'blood',
    cost: 4500
  },
  {
    _id: ObjectId("6796ff9de90842d83ed52c59"),
    test_id: '03',
    name: 'urine',
    cost: 500
  },
  {
    _id: ObjectId("6796ff9de90842d83ed52c5a"),
    test_id: '04',
    name: 'xray',
    cost: 5000
  },
  {
    _id: ObjectId("6796ff9de90842d83ed52c5b"),
    test_id: '05',
    name: 'blood',
    cost: 4500
  },
  {
    _id: ObjectId("6796ff9de90842d83ed52c5c"),
    test_id: '06',
    name: 'xray',
    cost: 5000
  }
]
```

```
},
{
  _id: ObjectId("6796ff9de90842d83ed52c5d"),
  test_id: '07',
  name: 'blood',
  cost: 4500
},
{
  _id: ObjectId("6796ff9de90842d83ed52c5e"),
  test_id: '08',
  name: 'urine',
  cost: 500
},
{
  _id: ObjectId("6796ff9de90842d83ed52c5f"),
  test_id: '09',
  name: 'xray',
  cost: 5000
},
{
  _id: ObjectId("6796ff9de90842d83ed52c60"),
  test_id: '10',
  name: 'blood',
  cost: 4500
}
]
```

11. Testresult

```
db.testresult.insertMany([ {resultid:"01",test_id:"01",appointment_id:"01",result:"no  
issue  
found"}, {resultid:"02",test_id:"02",appointment_id:"02",result:"normal"}, {resultid:"  
03",test_id:"03",appointment_id:"03",result:"requires  
followp"}, {resultid:"04",test_id:"04",appointment_id:"04",result:"dehydration"}, {res  
ultid:"05",test_id:"05",appointment_id:"05",result:"high  
cholesterol"}, {resultid:"06",test_id:"06",appointment_id:"06",result:"no issue  
found"}, {resultid:"07",test_id:"07",appointment_id:"07",result:"normal"}, {resultid:"  
08",test_id:"08",appointment_id:"08",result:"requires  
followp"}, {resultid:"09",test_id:"09",appointment_id:"09",result:"dehydration"}, {res  
ultid:"10",test_id:"10",appointment_id:"10",result:"high cholesterol"} ])
```

```
[  
  {  
    _id: ObjectId("6797015de90842d83ed52c61"),  
    resultid: '01',  
    test_id: '01',  
    appointment_id: '01',  
    result: 'no issue found'  
  },  
  {  
    _id: ObjectId("6797015de90842d83ed52c62"),  
    resultid: '02',  
    test_id: '02',  
    appointment_id: '02',  
    result: 'normal'  
  },  
  {  
    _id: ObjectId("6797015de90842d83ed52c63"),  
    resultid: '03',  
    test_id: '03',  
    appointment_id: '03',  
    result: 'requires followp'  
  },  
  {  
    _id: ObjectId("6797015de90842d83ed52c64"),  
    resultid: '04',  
    test_id: '04',  
    appointment_id: '04',  
    result: 'dehydration'  
  },  
  {  
    _id: ObjectId("6797015de90842d83ed52c65"),  
    resultid: '05',  
    test_id: '05',  
    appointment_id: '05',  
    result: 'high cholesterol'  
  },  
  {  
    _id: ObjectId("6797015de90842d83ed52c66"),  
    resultid: '06',  
    test_id: '06',  
    appointment_id: '06',  
    result: 'no issue found'  
  },  
  {  
    _id: ObjectId("6797015de90842d83ed52c67"),  
    resultid: '07',  
    test_id: '07',  
    appointment_id: '07',  
    result: 'normal'  
  },  
  {  
    _id: ObjectId("6797015de90842d83ed52c68"),  
    resultid: '08',  
    test_id: '08',  
    appointment_id: '08',  
    result: 'requires followp'  
  },  
  {  
    _id: ObjectId("6797015de90842d83ed52c69"),  
    resultid: '09',  
    test_id: '09',  
    appointment_id: '09',  
    result: 'dehydration'  
  },  
  {  
    _id: ObjectId("6797015de90842d83ed52c6a"),  
    resultid: '10',  
    test_id: '10',  
    appointment_id: '10',  
    result: 'high cholesterol'  
  }  
]
```



```
_id: ObjectId("6797015de90842d83ed52c65"),
resultid: '05',
test_id: '05',
appointment_id: '05',
result: 'high cholesterol'
},
{
  _id: ObjectId("6797015de90842d83ed52c66"),
  resultid: '06',
  test_id: '06',
  appointment_id: '06',
  result: 'no issue found'
},
{
  _id: ObjectId("6797015de90842d83ed52c67"),
  resultid: '07',
  test_id: '07',
  appointment_id: '07',
  result: 'normal'
},
{
  _id: ObjectId("6797015de90842d83ed52c68"),
  resultid: '08',
  test_id: '08',
  appointment_id: '08',
  result: 'requires followp'
},
{
  _id: ObjectId("6797015de90842d83ed52c69"),
  resultid: '09',
  test_id: '09',
  appointment_id: '09',
  result: 'dehydration'
},
{
  _id: ObjectId("6797015de90842d83ed52c6a"),
  resultid: '10',
  test_id: '10',
  appointment_id: '10',
  result: 'high cholesterol'
}
]
```

12. Staff

```
db.staff.insertMany([ {staff_id:"01",name:"vraj",role:"receptionist",phone:"0789456123"}, {staff_id:"02",name:"john",role:"janitor",phone:"0789456123"}, {staff_id:"03",name:"vishal",role:"maintenance",phone:"0789456123"}, {staff_id:"04",name:"krish",role:"it support",phone:"0789456123"}, {staff_id:"05",name:"rachit",role:"hr manager",phone:"0789456123"}, {staff_id:"06",name:"vraj",role:"receptionist",phone:"0789456123"}, {staff_id:"07",name:"john",role:"janitor",phone:"0789456123"}, {staff_id:"08",name:"vishal",role:"maintenance",phone:"0789456123"}, {staff_id:"09",name:"krish",role:"it support",phone:"0789456123"}, {staff_id:"10",name:"rachit",role:"hr manager",phone:"0789456123"} ]])
```

```
[
  {
    _id: ObjectId("679702dae90842d83ed52c6b"),
    staff_id: '01',
    name: 'vraj',
    role: 'receptionist',
    phone: '0789456123'
  },
  {
    _id: ObjectId("679702dae90842d83ed52c6c"),
    staff_id: '02',
    name: 'john',
    role: 'janitor',
    phone: '0789456123'
  },
  {
    _id: ObjectId("679702dae90842d83ed52c6d"),
    staff_id: '03',
    name: 'vishal',
    role: 'maintenance',
    phone: '0789456123'
  },
  {
    _id: ObjectId("679702dae90842d83ed52c6e"),
    staff_id: '04',
    name: 'krish',
    role: 'it support',
    phone: '0789456123'
  },
  {
    _id: ObjectId("679702dae90842d83ed52c6f"),
    staff_id: '05',
```

```
name: 'rachit',
role: 'hr manager',
phone: '0789456123'
},
{
  _id: ObjectId("679702dae90842d83ed52c70"),
  staff_id: '06',
  name: 'vraj',
  role: 'receptionist',
  phone: '0789456123'
},
{
  _id: ObjectId("679702dae90842d83ed52c71"),
  staff_id: '07',
  name: 'john',
  role: 'janitor',
  phone: '0789456123'
},
{
  _id: ObjectId("679702dae90842d83ed52c72"),
  staff_id: '08',
  name: 'vishal',
  role: 'maintenance',
  phone: '0789456123'
},
{
  _id: ObjectId("679702dae90842d83ed52c73"),
  staff_id: '09',
  name: 'krish',
  role: 'it support',
  phone: '0789456123'
},
{
  _id: ObjectId("679702dae90842d83ed52c74"),
  staff_id: '10',
  name: 'rachit',
  role: 'hr manager',
  phone: '0789456123'
}
]
```

13. Staff assignment

```
db.staff_ass.insertMany([{assignment_id:"01",staff_id:"01",department_id:"01"},{assignment_id:"02",staff_id:"02",department_id:"02"},{assignment_id:"03",staff_id:"03",department_id:"03"},{assignment_id:"04",staff_id:"04",department_id:"04"},{assignment_id:"05",staff_id:"05",department_id:"05"},{assignment_id:"06",staff_id:"06",department_id:"06"},{assignment_id:"07",staff_id:"07",department_id:"07"},{assignment_id:"08",staff_id:"08",department_id:"08"},{assignment_id:"09",staff_id:"09",department_id:"09"},{assignment_id:"010",staff_id:"10",department_id:"10"}])
```

```
db.staff_ass.insertMany([{assignment_id:"01",staff_id:"01",department_id:"01"},{assignment_id:"02",staff_id:"02",department_id:"02"},{assignment_id:"03",staff_id:"03",department_id:"03"},{assignment_id:"04",staff_id:"04",department_id:"04"},{assignment_id:"05",staff_id:"05",department_id:"05"},{assignment_id:"06",staff_id:"06",department_id:"06"},{assignment_id:"07",staff_id:"07",department_id:"07"},{assignment_id:"08",staff_id:"08",department_id:"08"},{assignment_id:"09",staff_id:"09",department_id:"09"},{assignment_id:"010",staff_id:"10",department_id:"10"}])[
{
  _id: ObjectId("67970413e90842d83ed52c75"),
  assignment_id: '01',
  staff_id: '01',
  department_id: '01'
},
{
  _id: ObjectId("67970413e90842d83ed52c76"),
  assignment_id: '02',
  staff_id: '02',
  department_id: '02'
},
{
  _id: ObjectId("67970413e90842d83ed52c77"),
  assignment_id: '03',
  staff_id: '03',
  department_id: '03'
},
{
  _id: ObjectId("67970413e90842d83ed52c78"),
  assignment_id: '04',
  staff_id: '04',
  department_id: '04'
},
{
  _id: ObjectId("67970413e90842d83ed52c79"),
  assignment_id: '05',
  staff_id: '05',
```

```
    department_id: '05'
  },
  {
    _id: ObjectId("67970413e90842d83ed52c7a"),
    assignment_id: '06',
    staff_id: '06',
    department_id: '06'
  },
  {
    _id: ObjectId("67970413e90842d83ed52c7b"),
    assignment_id: '07',
    staff_id: '07',
    department_id: '07'
  },
  {
    _id: ObjectId("67970413e90842d83ed52c7c"),
    assignment_id: '08',
    staff_id: '08',
    department_id: '08'
  },
  {
    _id: ObjectId("67970413e90842d83ed52c7d"),
    assignment_id: '09',
    staff_id: '09',
    department_id: '09'
  },
  {
    _id: ObjectId("67970413e90842d83ed52c7e"),
    assignment_id: '010',
    staff_id: '10',
    department_id: '10'
  }
]
```
