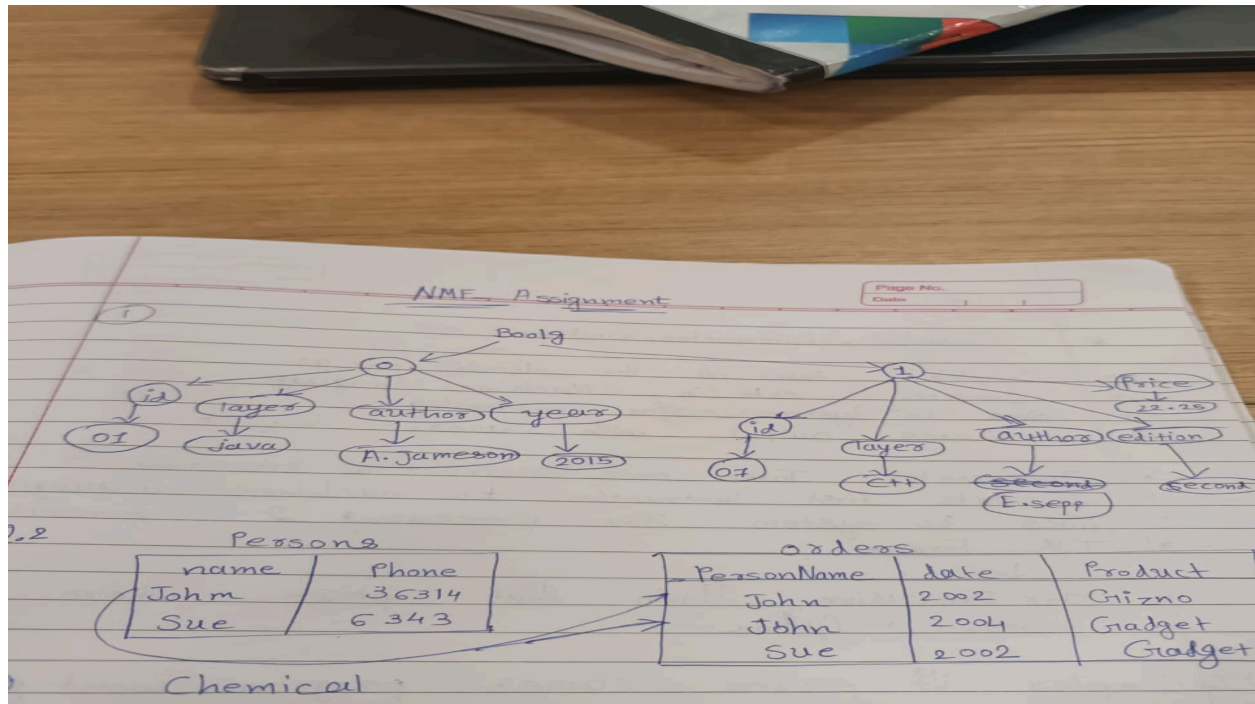


NMF_MongoDB Assignment1

Name: Shikha Singh

Roll no: 25

Q.1



```
-> db.boolg.insertMany([
  {
    id: 01 ,
    layer:"java",
    author: "A.jameson",
    year: 2015
  },
  {
    id: 07 ,
    layer:"c++",
    author: "E.sepp",
    edition: "2nd",
    price: 22.25
  }
]);
//ObjectId('6739f5feb58b6b87646b128c'),
//ObjectId('6739f5feb58b6b87646b128d')
```

NMF_MongoDB Assignment1

Q2.

Person Table:

Name	Phoe
John	36314
Sue	3643

Orders Table:

Person Name	Date	Product
John	2002	Gizmo
John	2004	Gadget
Sue	2002	Gadget

```
-> db.Stores.insertMany([
  {
    Persons:[
      {
        name: "john",
        phone: 363
      },
      {
        name: "Sue",
        phone: 6343
      }
    ]
  },
  {
    Orders:[
      {
        person_name: "john",
        date: 2002,
        product: "Gadget"
      },
      {
        person_name: "john",
        date: 2004,
```

NMF_MongoDB Assignment1

```
        product: "Gadget"
      },
      {
        person_name: "Sue",
        date: 2002,
        product: "Gadget"
      }
    ]
  }
};
ObjectId('673aff568a7fec02566b128c')
ObjectId('673aff568a7fec02566b128d')
```

NMF_MongoDB Assignment1

Q3: Chemical Information

Cid	Solution Name	Formula
101	Methane	CH4
201	Ethane	C2H6
301	Propane	C3H8
401	Butane	C4H10
501	Pentane	C5H12
601	Methane	CH4

```
-> db.chemical.insertMany([
{
  cid: 101,
  solutionname: "Methane",
  formula:"CH4"
},
{
  cid: 201,
  solutionname: "Ethane",
  formula:"C2H6"
},
{
  cid: 301,
  solutionname: "Propane",
  formula:"C3H8"
},
{
  cid: 401,
  solutionname: "Butane",
  formula:"C4H10"
},
{
  cid: 501,
  solutionname: "Pentane",
```

NMF_MongoDB Assignment1

```
formula:"C5H12"  
},  
{  
  cid: 601,  
  solutionname: "Methane",  
  formula:"CH4"  
}  
  
]);  
//ObjectId('6739f833fa7ce104706b128c')  
//ObjectId('6739f833fa7ce104706b128d')  
//ObjectId('6739f833fa7ce104706b128e')  
//ObjectId('6739f833fa7ce104706b128f')  
//ObjectId('6739f833fa7ce104706b1290')  
//ObjectId('6739f833fa7ce104706b1291')
```

NMF_MongoDB Assignment1

Q4: Subjects Table

Cid	Name	Bay	Reserve d	Product	Cost
1121	Ash	1	Ash	21 kg	10k
1089	Michael	3	Michael	31.82k	21 kg
784	S. Many	2	G. Many		31.82k

```
-> db.students.insertMany([
  {
    eid:1121,
    ename:"shikha",
    Bay:7,
    userid:"shikha",
    Product:"apple",
    cost:"10K"
  },
  {
    eid:1089,
    ename:"Michael",
    Bay:3,userid:"Michael",
    Product:"grapes",
    cost:"21K"
  },
  {
    eid:784,
    ename:"S.many",
    Bay:2,
    userid:"S.many",
    Product:"papaya",
    cost:"31.83K"
  }
]);
//ObjectId('6739f9feed5a8986126b128c')
//ObjectId('6739f9feed5a8986126b128d')
//ObjectId('6739f9feed5a8986126b128e')
```

NMF_MongoDB Assignment1

Q 6. Passing Array of Documents

First Name	Last Name	Date of Birth	New Date	Grade
Ash	S. Muny	Civ of 1969	Oct 23, 2003	8.483

```
-> db.names.insertMany([
  {
    firstname:"shikha",
    lastname:"singh",
    dob: "jan of 1963",
    grade: 8.783
  },
  {
    firstname:"s.mary",
    lastname:"P",
    dob: new Date("oct 03,2003"),
    grade: 9.783
  }
]);
//ObjectId('6739fc7a0b261ccd8a6b128c')
//ObjectId('6739fc7a0b261ccd8a6b128d')
```

NMF_MongoDB Assignment1

Q7. Users Table

User ID	Username	Password
---------	----------	----------

1	Ash	UserID
---	-----	--------

2	Ashwin	
---	--------	--

3	Minalde	
---	---------	--

```
-> db.users.insertMany([
  {
    user_id:1,
    username:"shikha"
  },
  {
    user_id:2,
    username:"Ashwin"
  },
  {
    user_id:3,
    username:"uiwth"
  }
]);
//ObjectId('6739fefe0b347640f16b128c')
//ObjectId('6739fefe0b347640f16b128d')
//ObjectId('6739fefe0b347640f16b128e')
```


NMF_MongoDB Assignment1

Q8. Emp ID Table

Emp ID	First Name	Last Name
--------	------------	-----------

```
->
db.employees.insertMany([
  {
    Emp_id:1,
    First_name:"shikha",
    last_name:"singh"
  },
  {
    Emp_id:2,
    First_name:"sneha",
    last_name:"singh"
  },
  {
    Emp_id:3,
    First_name:"shivesh",
    last_name:"singh"
  },
  {
    Emp_id:4,
    First_name:"siddhi",
    last_name:"singh"
  },
  {
    Emp_id:5,
    First_name:"roli",
    last_name:"singh"
  }
]);
//ObjectId('6739fff54bc62af1936b128c')
```

NMF_MongoDB Assignment1

```
//ObjectId('6739fff54bc62af1936b128d')
//ObjectId('6739fff54bc62af1936b128e')
//ObjectId('6739fff54bc62af1936b128f')
//ObjectId('6739fff54bc62af1936b1290')
```

Q 9. Ownership

Owner First Name	Owner Last Name	Expertise	Country of Origin
Steve	Jobs	Apple	USA
Elon	Musk	SpaceX	USA
Tim		iOS	UK
Linus	Torvalds	Linux	Finland
James	Gosling	Java	Canada

```
->
db.ownership.insertMany([
  {
    ofirst: "Steve",
    olast: "Jobs",
    expertise: "Apple",
    country_of_origin: "USA"
  },
  {
    ofirst: "Elon",
    olast: "Musk",
    expertise: "SpaceX",
    country_of_origin: "USA"
  },
  {
    ofirst: "Tim",
    olast: "Berners-Lee",
```

NMF_MongoDB Assignment1

```
    expertise: "WWW",
    country_of_origin: "UK"
  },
  {
    ofirst: "Linus",
    olast: "Torvalds",
    expertise: "Linux & Git",
    country_of_origin: "Finland"
  },
  {
    ofirst: "James",
    olast: "Gosling",
    expertise: "Java",
    country_of_origin: "Canada"
  },
  {
    ofirst: "Carlos",
    olast: "Shozzai",
    expertise: "MongoDB",
    country_of_origin: "USA"
  },
  {
    ofirst: "Dennis",
    olast: "Ritchie",
    expertise: "C",
    country_of_origin: "USA"
  },
  {
    ofirst: "Ryan",
    olast: "Dahl",
    expertise: "Node.js",
    country_of_origin: "USA"
  },
  {
    ofirst: "Ken",
    olast: "Thompson",
    expertise: "UNIX & C",
    country_of_origin: "USA"
  },
  {
    ofirst: "Bjarne",
    olast: "Stroustrup",
    expertise: "C++",
    country_of_origin: "Denmark"
  }
];
//ObjectId('673a03066601706bf56b128c')
//ObjectId('673a03066601706bf56b128d')
//ObjectId('673a03066601706bf56b128e')
```

NMF_MongoDB Assignment1

```
//ObjectId('673a03066601706bf56b128f')  
//ObjectId('673a03066601706bf56b1290')  
//ObjectId('673a03066601706bf56b1291')  
//ObjectId('673a03066601706bf56b1292')  
//ObjectId('673a03066601706bf56b1293')  
//ObjectId('673a03066601706bf56b1294')  
//ObjectId('673a03066601706bf56b1295')
```

NMF_MongoDB Assignment1

Q10: Cars

Brand	Rolls Royce	Bugatti	Pagani
Type	La Rose Noire	La Voiture Noire	Zonda HP Barchetta
Price	25 Crore		

```
->
db.cars.insertMany([
  {
    brand: "Rolls-Royce",
    type: "La Rose Noire Droptail",
    price: "251 crores"
  },
  {
    brand: "Bugatti",
    type: "La Voiture Noire",
    price: "137 crores"
  },
  {
    brand: "Pagani",
    type: "Zonda HP Barchetta",
    price: "121 crores"
  }
]);
//ObjectId('673a03dfaeec8a41776b128c')
//ObjectId('673a03dfaeec8a41776b128d')
//ObjectId('673a03dfaeec8a41776b128e')
```

NMF_MongoDB Assignment1

Q11: Renowned Stars

ID	First Name	Last Name	Email	Career	Salary
11	John	Cena	John@wwf	Wrestler	5000
22	Sachin	T	S@cricket	Cricketer	8000
33	James	Bose		Actor	7500
44	Elon	Musk		CEO/Founder	4500
55	Kapil	Dev		Cricketer	1000
66	MS	Dhoni		Cricketer	1000

->

```
db.renowned_stars.insertMany([
  {
    id:11,
    firstname:"John",
    lastname:"cena",
    email:"john.c@gmail.com",
    career:"WWE",
    salary:5000},
  {
    id:22,
    firstname:"sachin",
    lastname:"T",
    email:"sachin.t@gmail.com",
    career:"cricket",
    salary:8000
  },
  {
    id:33,
    firstname:"James",
    lastname:"Bore",
    email:"james.bore@gmail.com",
    career:"Actor",
```

NMF_MongoDB Assignment1

```
    salary:7500},
  {
    id:44,
    firstname:"Elon",
    lastname:"Musk",
    email:"elon.musk@gmail.com",
    career:"CEO/founder",
    salary:9000
  },
  {
    id:55,
    firstname:"Kapil",
    lastname:"Dev",
    email:"kapil.dev@gmail.com",
    career:"cricket",
    salary:4500
  },
  {
    id:66,
    firstname:"MS",
    lastname:"Dhoni",
    email:"ms.dhoni@gmail.com",
    career:"cricket",
    salary:11000
  }
];
//ObjectId('673a06250b79fd3e586b128c')
//ObjectId('673a06250b79fd3e586b128d')
//ObjectId('673a06250b79fd3e586b128e')
//ObjectId('673a06250b79fd3e586b128f')
//ObjectId('673a06250b79fd3e586b1290')
//ObjectId('673a06250b79fd3e586b1291')
```

NMF_MongoDB Assignment1

Q12: Mr. Olympia

Name	Times Won	Year Range
Arnold	7 Times	
Lee Haney		
Ronnie Coleman	8 Times	
Hadi Chooopan		2022
Derek Lunsford		2023
Samson Dauda		2024
Chris Bumstead	6 Times	2019 to 2024

```
->
db.mrOlympia.insertMany([
  {
    name: "Arnold Schwarzenegger",
    titles: 7,
    category: "Bodybuilding",
    years: [1970, 1971, 1972, 1973, 1974, 1975, 1980]
  },
  {
    name: "Lee Haney",
    titles: 8,
    category: "Bodybuilding",
    years: [1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991]
  },
  {
    name: "Ronnie Coleman",
    titles: 8,
    category: "Bodybuilding",
    years: [1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005]
```


NMF_MongoDB Assignment1

```
    },
    {
      name: "Hadi Choopan",
      titles: 1,
      category: "Bodybuilding",
      years: [2022]
    },
    {
      name: "Derek Lunsford",
      titles: 1,
      category: "Bodybuilding",
      years: [2023]
    },
    {
      name: "Samson Dauda",
      titles: 1,
      category: "Bodybuilding",
      years: [2024]
    },
    {
      name: "Chris Bumstead",
      titles: 4,
      category: "Classic Physique",
      years: [2019, 2020, 2021, 2022]
    }
  ]);
//ObjectId('673a0711728e8affa06b128c')
//ObjectId('673a0711728e8affa06b128d')
//ObjectId('673a0711728e8affa06b128e')
//ObjectId('673a0711728e8affa06b128f')
//ObjectId('673a0711728e8affa06b1290')
//ObjectId('673a0711728e8affa06b1291')
//ObjectId('673a0711728e8affa06b1292')
```

NMF_MongoDB Assignment1

Q13: Motorcycles

Model	On-Road Price	Mileage	CC
Hero Xper 125R	₹95,086	66 km/L	125
Yamaha MT15	₹1.4L	57 km/L	160
TVS Apache RTR	₹1.04L	58 km/L	160
Kawasaki Ninja H2R	₹36.4L	15 km/L	1000
Ducati Streetfighter V4	₹24.4L	18.2 km/L	

```
db.cars.insertMany([
  {
    Models: "Hero Xtreme 125R",
    onRoadPrice: 95000,
    mileage: 66,
    cc: 125
  },
  {
    Models: "Yamaha MT-15",
    onRoadPrice: 140000,
    mileage: 57,
    cc: 155
  },
  {
    Models: "TVS Apache RTR 160",
    onRoadPrice: 104000,
    mileage: 53,
    cc: 160
  },
  {
    Models: "Kawasaki Ninja H2R",
    onRoadPrice: 3620000,
    mileage: 15,
    cc: 1000
  },
])
```

NMF_MongoDB Assignment1

```
{
  Models: "Ducati Streetfighter V4",
  onRoadPrice: 2440000,
  mileage: 13.2,
  cc: 1100
},
{
  Models: "Indian Pursuit Dark Horse",
  onRoadPrice: 4329000,
  mileage: 14,
  cc: 1800
}
]);
//ObjectId('673a0a56955370231c6b128c')
//ObjectId('673a0a56955370231c6b128d')
// ObjectId('673a0a56955370231c6b128e')
//ObjectId('673a0a56955370231c6b128f')
//ObjectId('673a0a56955370231c6b1290')
//ObjectId('673a0a56955370231c6b1291')
```