

## Use zen\_class

```
type is for more
> use zen_class
switched to db zen_class
>
```

## Users

```
db.users.insertMany([
  {
    user_id: 1,
    user_name: "joe",
    email: "joe@gmail.com",
    mentor_id: 1,
    problem_id: [1,3,5]
  },
  {
    user_id: 2,
    user_name: "john",
    email: "john@gmail.com",
    mentor_id: 2,
    problem_id: [2,3]
  },
  {
    user_id: 3,
    user_name: "max",
    email: "max@gmail.com",
    mentor_id: 3,
```

```
    problem_id: [1,5]
  },
  {
    user_id: 4,
    user_name: "jack",
    email: "jack@gmail.com",
    mentor_id: 2,
    problem_id: [2,5]
  },
  {
    user_id: 5,
    user_name: "alice",
    email: "alice@gmail.com",
    mentor_id: 5,
    problem_id: [1,2,3,4]
  }
])
```

```

switched to db zen_class
> db.users.insertMany([
...   {
...     user_id: 1,
...     user_name: "joe",
...     email: "joe@gmail.com",
...     mentor_id: 1,
...     problem_id: [1,3,5]
...   },
...   {
...     user_id: 2,
...     user_name: "john",
...     email: "john@gmail.com",
...     mentor_id: 2,
...     problem_id: [2,3]
...   },
...   {
...     user_id: 3,
...     user_name: "max",
...     email: "max@gmail.com",
...     mentor_id: 3,
...     problem_id: [1,5]
...   },
...   {
...     user_id: 4,
...     user_name: "jack",
...     email: "jack@gmail.com",
...     mentor_id: 2,
...     problem_id: [2,5]
...   },
...   {
...     user_id: 5,
...     user_name: "alice",
...     email: "alice@gmail.com",
...     mentor_id: 5,
...     problem_id: [1,2,3,4]
...   }
... ])
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("65ff1415d27205534761cb39"),
    ObjectId("65ff1415d27205534761cb3a"),
    ObjectId("65ff1415d27205534761cb3b"),
    ObjectId("65ff1415d27205534761cb3c"),
    ObjectId("65ff1415d27205534761cb3d")
  ]
}
> |

```

## Codekata

```

db.codekata.insertMany([
  {
    problem_id: 1,
    problem_name: "Even or Odd",
    difficulty: "Easy",
    date_added: ISODate('2020-10-26')
  },

```

```
{
  problem_id: 2,
  problem_name: "Prime Number",
  difficulty: "Medium",
  date_added: ISODate('2020-11-11')
},
{
  problem_id: 3,
  problem_name: "Factorial",
  difficulty: "Difficult",
  date_added: ISODate('2020-10-07')
},
{
  problem_id: 4,
  problem_name: "Palindrome",
  difficulty: "Easy",
  date_added: ISODate('2020-11-18')
},
{
  problem_id: 5,
  problem_name: "Leap year",
  difficulty: "Medium",
  date_added: ISODate('2020-10-01')
```

```
> db.codekata.insertMany([
...     {
...         problem_id: 1,
...         problem_name: "Even or Odd",
...         difficulty: "Easy",
...         date_added: ISODate('2020-10-26')
...     },
...     {
...         problem_id: 2,
...         problem_name: "Prime Number",
...         difficulty: "Medium",
...         date_added: ISODate('2020-11-11')
...     },
...     {
...         problem_id: 3,
...         problem_name: "Factorial",
...         difficulty: "Difficult",
...         date_added: ISODate('2020-10-07')
...     },
...     {
...         problem_id: 4,
...         problem_name: "Palindrome",
...         difficulty: "Easy",
...         date_added: ISODate('2020-11-18')
...     },
...     {
...         problem_id: 5,
...         problem_name: "Leap year",
...         difficulty: "Medium",
...         date_added: ISODate('2020-10-01')
...     }
... ])
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("65fff14cdd27205534761cb3e"),
    ObjectId("65fff14cdd27205534761cb3f"),
    ObjectId("65fff14cdd27205534761cb40"),
    ObjectId("65fff14cdd27205534761cb41"),
    ObjectId("65fff14cdd27205534761cb42")
  ]
}
```

```
db.attendance.insertMany([
```

5

```
{
  user_id: 2,
  topic_id: 2,
  attend : false
},
{
  user_id: 3,
  topic_id: 3,
  attend : false
},
{
  user_id: 4,
  topic_id: 4,
  attend : true
},
{
  user_id: 5,
  topic_id: 1,
  attend : true
}
])
```

```

> db.attendance.insertMany([
...   {
...     user_id: 1,
...     topic_id: 1,
...     attend : true
...   },
...   {
...     user_id: 2,
...     topic_id: 2,
...     attend : false
...   },
...   {
...     user_id: 3,
...     topic_id: 3,
...     attend : false
...   },
...   {
...     user_id: 4,
...     topic_id: 4,
...     attend : true
...   },
...   {
...     user_id: 5,
...     topic_id: 1,
...     attend : true
...   }
... ])
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("65ff1522d27205534761cb43"),
    ObjectId("65ff1522d27205534761cb44"),
    ObjectId("65ff1522d27205534761cb45"),
    ObjectId("65ff1522d27205534761cb46"),
    ObjectId("65ff1522d27205534761cb47")
  ]
}
> |

```

## Topics

```

db.topics.insertMany([
  {
    topic_id: 1,
    topic_name: "JavaScript",
    date: ISODate('2020-10-14')
  },
  {
    topic_id: 2,
    topic_name: "React.js",
    date: ISODate('2020-10-21')
  },
  {

```

```
    topic_id: 3,  
    topic_name: "MySQL",  
    date: ISODate('2020-10-26')  
  },  
  {  
    topic_id: 4,  
    topic_name: "MongoDB",  
    date: ISODate('2020-11-04')  
  },  
  {  
    topic_id: 5,  
    topic_name: "Node.js",  
    date: ISODate('2020-11-10')  
  }  
])
```



```

> db.topics.insertMany([
...   {
...     topic_id: 1,
...     topic_name: "JavaScript",
...     date: ISODate('2020-10-14')
...   },
...   {
...     topic_id: 2,
...     topic_name: "React.js",
...     date: ISODate('2020-10-21')
...   },
...   {
...     topic_id: 3,
...     topic_name: "MySQL",
...     date: ISODate('2020-10-26')
...   },
...   {
...     topic_id: 4,
...     topic_name: "MongoDB",
...     date: ISODate('2020-11-04')
...   },
...   {
...     topic_id: 5,
...     topic_name: "Node.js",
...     date: ISODate('2020-11-10')
...   }
... ])
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("65ff1567d27205534761cb48"),
    ObjectId("65ff1567d27205534761cb49"),
    ObjectId("65ff1567d27205534761cb4a"),
    ObjectId("65ff1567d27205534761cb4b"),
    ObjectId("65ff1567d27205534761cb4c")
  ]
}

```

## Tasks

```

db.task.insertMany([
  {
    task_id: 1,
    topic_id: 1,
    user_id: [1, 3, 4, 5],
    task_name: "React Redux",
    deadline: ISODate('2020-10-01'),
    submitted: true
  },
  {
    task_id: 2,
    topic_id: 1,

```

```
    user_id: [2, 3, 4],
    task_name: "SB-Admin",
    deadline: ISODate('2020-10-07'),
    submitted: false
  },
  {
    task_id: 3,
    topic_id: 2,
    user_id: [3, 4],
    task_name: "Shopping Cart",
    deadline: ISODate('2020-10-13'),
    submitted: true
  },
  {
    task_id: 4,
    topic_id: 5,
    user_id: [1, 2, 3],
    task_name: "File System",
    deadline: ISODate('2020-10-21'),
    submitted: false
  },
  {
    task_id: 5,
```

```

    topic_id: 4,
    user_id: [1, 4, 5],
    task_name: "Price Cart",
    deadline: ISODate('2020-10-29'),
    submitted: true
  }
});

```

```

db.task.insertMany([
  {
    task_id: 1,
    topic_id: 1,
    user_id: [1, 3, 4, 5],
    task_name: "React Redux",
    deadline: ISODate('2020-10-01'),
    submitted: true
  },
  {
    task_id: 2,
    topic_id: 1,
    user_id: [2, 3, 4],
    task_name: "SB-Admin",
    deadline: ISODate('2020-10-07'),
    submitted: false
  },
  {
    task_id: 3,
    topic_id: 2,
    user_id: [3, 4],
    task_name: "Shopping Cart",
    deadline: ISODate('2020-10-13'),
    submitted: true
  },
  {
    task_id: 4,
    topic_id: 5,
    user_id: [1, 2, 3],
    task_name: "File System",
    deadline: ISODate('2020-10-21'),
    submitted: false
  },
  {
    task_id: 5,
    topic_id: 4,
    user_id: [1, 4, 5],
    task_name: "Price Cart",
    deadline: ISODate('2020-10-29'),
    submitted: true
  }
]);

"acknowledged" : true,
"insertedIds" : [
  ObjectId("65ff1597d27205534761cb4d"),
  ObjectId("65ff1597d27205534761cb4e"),
  ObjectId("65ff1597d27205534761cb4f"),
  ObjectId("65ff1597d27205534761cb50"),
  ObjectId("65ff1597d27205534761cb51")
]

```

## Company-Drives

```

db.company.insertMany([
  {

```

```
    drive_id: 1,
    company_name : "Google",
    date : ISODate('2020-10-02'),
    students: ["joe","john"]
  },
  {
    drive_id: 2,
    company_name : "Microsoft",
    date : ISODate('2020-10-07'),
    students: ["alice"]
  },
  {
    drive_id: 3,
    company_name : "TCS",
    date : ISODate('2020-10-09'),
    students: "null"
  },
  {
    drive_id: 4,
    company_name : "Accenture",
    date : ISODate('2020-10-16'),
    students: ["jack"]
  },
  {
    drive_id: 5,
```

```

        company_name : "IBM",
        date : ISODate('2020-10-23'),
        students: ["max"]
    }
}
))

```

```

> db.company.insertMany([
...   {
...     drive_id: 1,
...     company_name : "Google",
...     date : ISODate('2020-10-02'),
...     students: ["joe", "john"]
...   },
...   {
...     drive_id: 2,
...     company_name : "Microsoft",
...     date : ISODate('2020-10-07'),
...     students: ["alice"]
...   },
...   {
...     drive_id: 3,
...     company_name : "TCS",
...     date : ISODate('2020-10-09'),
...     students: "null"
...   },
...   {
...     drive_id: 4,
...     company_name : "Accenture",
...     date : ISODate('2020-10-16'),
...     students: ["jack"]
...   },
...   {
...     drive_id: 5,
...     company_name : "IBM",
...     date : ISODate('2020-10-23'),
...     students: ["max"]
...   }
... ])
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("65ff1c40d27205534761cb61"),
    ObjectId("65ff1c40d27205534761cb62"),
    ObjectId("65ff1c40d27205534761cb63"),
    ObjectId("65ff1c40d27205534761cb64"),
    ObjectId("65ff1c40d27205534761cb65")
  ]
}
> |

```

## Mentors

```

db.mentor.insertMany([
  {
    mentor_id: 1,
    mentor_name: "Abhishek",

```

```
    mentees_count : 16
  },
  {
    mentor_id: 2,
    mentor_name: "Jagan",
    mentees_count : 18
  },
  {
    mentor_id: 3,
    mentor_name: "Ananth",
    mentees_count : 15
  },
  {
    mentor_id: 4,
    mentor_name: "Sangeetha",
    mentees_count : 18
  },
  {
    mentor_id: 5,
    mentor_name: "Swetha",
    mentees_count : 16
  },
])
```

```

> db.mentor.insertMany([
...   {
...     mentor_id: 1,
...     mentor_name: "Abhishek",
...     mentees_count : 16
...   },
...   {
...     mentor_id: 2,
...     mentor_name: "Jagan",
...     mentees_count : 18
...   },
...   {
...     mentor_id: 3,
...     mentor_name: "Ananth",
...     mentees_count : 15
...   },
...   {
...     mentor_id: 4,
...     mentor_name: "Sangeetha",
...     mentees_count : 18
...   },
...   {
...     mentor_id: 5,
...     mentor_name: "Swetha",
...     mentees_count : 16
...   },
... ],
... {
...   "acknowledged" : true,
...   "insertedIds" : [
...     ObjectId("65fff1600d27205534761cb57"),
...     ObjectId("65fff1600d27205534761cb58"),
...     ObjectId("65fff1600d27205534761cb59"),
...     ObjectId("65fff1600d27205534761cb5a"),
...     ObjectId("65fff1600d27205534761cb5b")
...   ]
... }
> |

```

MangoDB Compass - localhost:27017/zen\_class

Connect Edit View Help

localhost:27017

My Queries Performance Databases Products zen\_class

+ Create collection Refresh

View Sort by Collection Name

Collection Name	Storage size	Documents	Avg. document size	Indexes	Total index size
attendance	20.48 KB	5	65.00 B	1	20.48 KB
codekata	20.48 KB	5	114.00 B	1	20.48 KB
company	20.48 KB	5	79.00 B	1	20.48 KB
mentor	20.48 KB	5	65.00 B	1	20.48 KB
task	20.48 KB	5	160.00 B	1	20.48 KB
topics	20.48 KB	5	78.00 B	1	20.48 KB
users	20.48 KB	5	149.00 B	1	20.48 KB

