

Question-1: Find all the topics and tasks which are thought in the month of October

Query: for “topics”

```
db.topics.find({
  topic_date:{$gte:"2020-10-01",$lte:"2020-10-31"}
})
```

Result: for “topics”

```
[
  {
    _id: ObjectId("63b3d91edca70fbac06c9666"),
    topic_name: 'topic_name_1',
    topic_id: 'topic_id_1',
    topic_date: '2020-10-01'
  },
  {
    _id: ObjectId("63b3d91edca70fbac06c9667"),
    topic_name: 'topic_name_2',
    topic_id: 'topic_id_2',
    topic_date: '2020-10-15'
  },
  {
    _id: ObjectId("63b3d91edca70fbac06c9668"),
    topic_name: 'topic_name_3',
    topic_id: 'topic_id_3',
    topic_date: '2020-10-30'
  }
]
```

Query: for “tasks”

```
db.tasks.find({
  task_date:{$gte:"2020-10-01",$lte:"2020-10-31"}
})
```

Result: for “tasks”

```
[
  {
    _id: ObjectId("63b3d947dca70fbac06c9669"),
    task_name: 'task_name_1',
    task_id: 'task_id_1',
    task_date: '2020-10-01',
    submitted_by: [ 'user_id_3', 'user_id_4', 'user_id_8', 'user_id_9'
  ]
},
  {
    _id: ObjectId("63b3d947dca70fbac06c966a"),
    task_name: 'task_name_2',
    task_id: 'task_id_2',
    task_date: '2020-10-15',
    submitted_by: [ 'user_id_1', 'user_id_3', 'user_id_4', 'user_id_9'
  ]
},
  {
    _id: ObjectId("63b3d947dca70fbac06c966b"),
    task_name: 'task_name_3',
    task_id: 'task_id_3',
    task_date: '2020-10-30',
    submitted_by: [ 'user_id_1', 'user_id_2', 'user_id_4', 'user_id_9'
  ]
}
]
```