QUESTION 1:

SELECT * FROM c WHERE ARRAY_CONTAINS(c.tags, 'database')

SOLUTION:

```
[
  {
    "id": "5",
    "title": "MongoDB in simple way",
    "isbn": 6677,
    "downloadable": true,
    "no_of_reviews": 4,
    "tags": [
      "database",
      "cloud",
      "nosql"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Sachin Tendulkar",
      "callname": "Sachin",
      "profile": {
        "exp": 6,
        "courses": 7,
        "books": 8
      }
    },
    "_rid": "Yi4ZAOCmjRcYAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcYAAAAAAAAAA==/",
    "_etag": "\"3502353c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "6",
    "title": "Oracle in simple way",
    "isbn": 6677,
    "downloadable": true,
    "no_of_reviews": 3,
    "tags": [
      "database",
      "sql",
      "relational"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Virat Kohli",
      "callname": "kohli",
      "profile": {
        "exp": 2,
        "courses": 2,
        "books": 2
      }
    },
    "_rid": "Yi4ZAOCmjRcZAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcZAAAAAAAAAA==/",
    "_etag": "\"3502363c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  }
]
```

QUESTION 2:

SELECT * FROM c WHERE c.author.profile.courses = 2

SOLUTION:

[
  {
    "id": "2",
    "title": "Java in simple way",
    "isbn": 1122,
    "downloadable": true,
    "no_of_reviews": 2,
    "tags": [
      "language",
      "freeware",
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Karhik Ramachandran",
      "callname": "Karthik",
      "profile": {
        "exp": 1,
        "courses": 2,
        "books": 3
      }
    },
    "_rid": "Yi4ZAOCmjRcVAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcVAAAAAAAAAA==/",
    "_etag": "\"3502323c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "6",
    "title": "Oracle in simple way",
    "isbn": 6677,
    "downloadable": true,
    "no_of_reviews": 3,
    "tags": [
      "database",
      "sql",
      "relational"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Virat Kohli",
      "callname": "kohli",
      "profile": {
        "exp": 2,
        "courses": 2,
        "books": 2
      }
    },
    "_rid": "Yi4ZAOCmjRcZAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcZAAAAAAAAAA==/",
    "_etag": "\"3502363c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  }
]

QUESTION 3:

SELECT * FROM c WHERE c.tags = ["language","freeware","programming"]

SOLUTION:

```
[
  {
    "id": "2",
    "title": "Java in simple way",
    "isbn": 1122,
    "downloadable": true,
    "no_of_reviews": 2,
    "tags": [
      "language",
      "freeware",
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Karhik Ramachandran",
      "callname": "Karthik",
      "profile": {
        "exp": 1,
        "courses": 2,
        "books": 3
      }
    },
    "_rid": "Yi4ZAOCmjRcVAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcVAAAAAAAAAA==/",
    "_etag": "\"3502323c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "3",
    "title": "Python in simple way",
    "isbn": 1234,
    "downloadable": false,
    "no_of_reviews": 5,
    "tags": [
      "language",
      "freeware",
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Daniel IA Cohen",
      "callname": "Dan",
      "profile": {
        "exp": 8,
        "courses": 7,
        "books": 6
      }
    },
    "_rid": "Yi4ZAOCmjRcWAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcWAAAAAAAAAA==/",
    "_etag": "\"3502333c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  }
]
```

QUESTION 4:
SELECT * FROM c WHERE ARRAY_CONTAINS(c.tags, 'programming')
SOLUTION:

```
[
  {
    "id": "2",
    "title": "Java in simple way",
    "isbn": 1122,
    "downloadable": true,
    "no_of_reviews": 2,
    "tags": [
      "language",
      "freeware",
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Karhik Ramachandran",
      "callname": "Karthik",
      "profile": {
        "exp": 1,
        "courses": 2,
        "books": 3
      }
    },
    "_rid": "Yi4ZAOCmjRcVAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcVAAAAAAAAAA==/",
    "_etag": "\"3502323c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "3",
    "title": "Python in simple way",
    "isbn": 1234,
    "downloadable": false,
    "no_of_reviews": 5,
    "tags": [
      "language",
      "freeware",
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Daniel IA Cohen",
      "callname": "Dan",
      "profile": {
        "exp": 8,
        "courses": 7,
        "books": 6
      }
    },
    "_rid": "Yi4ZAOCmjRcWAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcWAAAAAAAAAA==/",
    "_etag": "\"3502333c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "7",
```

```
        "title": "Shell Scripting in simple way",
        "isbn": 9988,
        "downloadable": true,
        "no_of_reviews": 1,
        "tags": [
          "programming"
        ],
        "languages": [
          "english",
          "hindi",
          "tamil"
        ],
        "author": {
          "name": "Rama Ramachandran",
          "callname": "Rama",
          "profile": {
            "exp": 8,
            "courses": 3,
            "books": 2
          }
        },
        "_rid": "Yi4ZAOCmjRcaAAAAAAAAAA==",
        "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcaAAAAAAAAAA==/",
        "_etag": "\"3502373c-0000-0100-0000-641966be0000\"",
        "_attachments": "attachments/",
        "_ts": 1679386302
    }
]
```

QUESTION 5:

SELECT * FROM c WHERE ARRAY_CONTAINS(c.languages, 'telugu')

SOLUTION:

```
[
  {
    "id": "1",
    "title": "Linux in simple way",
    "isbn": 6677,
    "downloadable": false,
    "no_of_reviews": 1,
    "tags": [
      "os",
      "freeware",
      "shell programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Shiva Ramachandran",
      "callname": "Shiv",
      "profile": {
        "exp": 8,
        "courses": 3,
        "books": 2
      }
    },
    "_rid": "Yi4ZAOCmjRcUAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcUAAAAAAAAAA==/",
    "_etag": "\"3502313c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "2",
    "title": "Java in simple way",
```

```json
      "isbn": 1122,
      "downloadable": true,
      "no_of_reviews": 2,
      "tags": [
        "language",
        "freeware",
        "programming"
      ],
      "languages": [
        "english",
        "hindi",
        "telugu"
      ],
      "author": {
        "name": "Karhik Ramachandran",
        "callname": "Karthik",
        "profile": {
          "exp": 1,
          "courses": 2,
          "books": 3
        }
      },
      "_rid": "Yi4ZAOCmjRcVAAAAAAAAAA==",
      "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcVAAAAAAAAAA==/",
      "_etag": "\"3502323c-0000-0100-0000-641966be0000\"",
      "_attachments": "attachments/",
      "_ts": 1679386302
    },
    {
      "id": "3",
      "title": "Python in simple way",
      "isbn": 1234,
      "downloadable": false,
      "no_of_reviews": 5,
      "tags": [
        "language",
        "freeware",
        "programming"
      ],
      "languages": [
        "english",
        "hindi",
        "telugu"
      ],
      "author": {
        "name": "Daniel IA Cohen",
        "callname": "Dan",
        "profile": {
          "exp": 8,
          "courses": 7,
          "books": 6
        }
      },
      "_rid": "Yi4ZAOCmjRcWAAAAAAAAAA==",
      "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcWAAAAAAAAAA==/",
      "_etag": "\"3502333c-0000-0100-0000-641966be0000\"",
      "_attachments": "attachments/",
      "_ts": 1679386302
    },
    {
      "id": "4",
      "title": "Devops in simple way",
      "isbn": 6677,
      "downloadable": false,
      "no_of_reviews": 3,
      "tags": [
        "jenkins",
        "git",
        "cicd"
      ],
      "languages": [
```

```json
        "english",
        "hindi",
        "telugu"
      ],
      "author": {
        "name": "Dhoni Chandra",
        "callname": "Dhoni",
        "profile": {
          "exp": 4,
          "courses": 4,
          "books": 4
        }
      },
      "_rid": "Yi4ZAOCmjRcXAAAAAAAAAA==",
      "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcXAAAAAAAAAA==/",
      "_etag": "\"3502343c-0000-0100-0000-641966be0000\"",
      "_attachments": "attachments/",
      "_ts": 1679386302
    },
    {
      "id": "5",
      "title": "MongoDB in simple way",
      "isbn": 6677,
      "downloadable": true,
      "no_of_reviews": 4,
      "tags": [
        "database",
        "cloud",
        "nosql"
      ],
      "languages": [
        "english",
        "hindi",
        "telugu"
      ],
      "author": {
        "name": "Sachin Tendulkar",
        "callname": "Sachin",
        "profile": {
          "exp": 6,
          "courses": 7,
          "books": 8
        }
      },
      "_rid": "Yi4ZAOCmjRcYAAAAAAAAAA==",
      "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcYAAAAAAAAAA==/",
      "_etag": "\"3502353c-0000-0100-0000-641966be0000\"",
      "_attachments": "attachments/",
      "_ts": 1679386302
    },
    {
      "id": "6",
      "title": "Oracle in simple way",
      "isbn": 6677,
      "downloadable": true,
      "no_of_reviews": 3,
      "tags": [
        "database",
        "sql",
        "relational"
      ],
      "languages": [
        "english",
        "hindi",
        "telugu"
      ],
      "author": {
        "name": "Virat Kohli",
        "callname": "kohli",
        "profile": {
          "exp": 2,
```

```
          "courses": 2,
          "books": 2
        }
    },
    "_rid": "Yi4ZAOCmjRcZAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcZAAAAAAAAAA==/",
    "_etag": "\"3502363c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  }
]
```

QUESTION 6:

SELECT * FROM c

SOLUTION:

Entire Data

QUESTION 7:

SELECT VALUE COUNT(1) FROM c

SOLUTION:

[7]

QUESTION 8:

SELECT TOP 1 * FROM c

SOLUTION:

```
[
  {
    "id": "1",
    "title": "Linux in simple way",
    "isbn": 6677,
    "downloadable": false,
    "no_of_reviews": 1,
    "tags": [
      "os",
      "freeware",
      "shell programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Shiva Ramachandran",
      "callname": "Shiv",
      "profile": {
        "exp": 8,
        "courses": 3,
        "books": 2
      }
    },
    "_rid": "Yi4ZAOCmjRcUAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcUAAAAAAAAAA==/",
    "_etag": "\"3502313c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  }
]
```

QUESTION 9:

SELECT * FROM c WHERE ARRAY_CONTAINS(c.tags, 'programming') OR c.no_of_reviews > 3

SOLUTION:

```
[
  {
    "id": "2",
    "title": "Java in simple way",
    "isbn": 1122,
    "downloadable": true,
    "no_of_reviews": 2,
    "tags": [
      "language",
      "freeware",
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Karhik Ramachandran",
      "callname": "Karthik",
      "profile": {
        "exp": 1,
        "courses": 2,
        "books": 3
      }
    },
    "_rid": "Yi4ZAOCmjRcVAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcVAAAAAAAAAA==/",
    "_etag": "\"3502323c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "3",
    "title": "Python in simple way",
    "isbn": 1234,
    "downloadable": false,
    "no_of_reviews": 5,
    "tags": [
      "language",
      "freeware",
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Daniel IA Cohen",
      "callname": "Dan",
      "profile": {
        "exp": 8,
        "courses": 7,
        "books": 6
      }
    },
    "_rid": "Yi4ZAOCmjRcWAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcWAAAAAAAAAA==/",
    "_etag": "\"3502333c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
```

```
  {
    "id": "5",
    "title": "MongoDB in simple way",
    "isbn": 6677,
    "downloadable": true,
    "no_of_reviews": 4,
    "tags": [
      "database",
      "cloud",
      "nosql"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Sachin Tendulkar",
      "callname": "Sachin",
      "profile": {
        "exp": 6,
        "courses": 7,
        "books": 8
      }
    },
    "_rid": "Yi4ZAOCmjRcYAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcYAAAAAAAAAA==/",
    "_etag": "\"3502353c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "7",
    "title": "Shell Scripting in simple way",
    "isbn": 9988,
    "downloadable": true,
    "no_of_reviews": 1,
    "tags": [
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
      "tamil"
    ],
    "author": {
      "name": "Rama Ramachandran",
      "callname": "Rama",
      "profile": {
        "exp": 8,
        "courses": 3,
        "books": 2
      }
    },
    "_rid": "Yi4ZAOCmjRcaAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcaAAAAAAAAAA==/",
    "_etag": "\"3502373c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  }
]
```

QUESTION 10:

SELECT * FROM c WHERE c.downloadable = true OR c.no_of_reviews < 3 OR c.author.profile.books >= 2

SOLUTION:

Entire Data

QUESTION 11:

SELECT * FROM c WHERE c.no_of_reviews > 3

SOLUTION:

[
  {
    "id": "3",
    "title": "Python in simple way",
    "isbn": 1234,
    "downloadable": false,
    "no_of_reviews": 5,
    "tags": [
      "language",
      "freeware",
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Daniel IA Cohen",
      "callname": "Dan",
      "profile": {
        "exp": 8,
        "courses": 7,
        "books": 6
      }
    },
    "_rid": "Yi4ZAOCmjRcWAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcWAAAAAAAAAA==/",
    "_etag": "\"3502333c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "5",
    "title": "MongoDB in simple way",
    "isbn": 6677,
    "downloadable": true,
    "no_of_reviews": 4,
    "tags": [
      "database",
      "cloud",
      "nosql"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Sachin Tendulkar",
      "callname": "Sachin",
      "profile": {
        "exp": 6,
        "courses": 7,
        "books": 8
      }
    },
    "_rid": "Yi4ZAOCmjRcYAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcYAAAAAAAAAA==/",
    "_etag": "\"3502353c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",

      "_ts": 1679386302
    }
]

QUESTION 12:

SELECT * FROM c WHERE c.tags = ["programming"]

SOLUTION:

[
  {
    "id": "7",
    "title": "Shell Scripting in simple way",
    "isbn": 9988,
    "downloadable": true,
    "no_of_reviews": 1,
    "tags": [
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
      "tamil"
    ],
    "author": {
      "name": "Rama Ramachandran",
      "callname": "Rama",
      "profile": {
        "exp": 8,
        "courses": 3,
        "books": 2
      }
    },
    "_rid": "Yi4ZAOCmjRcaAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcaAAAAAAAAAA==/",
    "_etag": "\"3502373c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  }
]

QUESTION 13:

SELECT * FROM c WHERE c.no_of_reviews != 3

SOLUTION:

[
  {
    "id": "1",
    "title": "Linux in simple way",
    "isbn": 6677,
    "downloadable": false,
    "no_of_reviews": 1,
    "tags": [
      "os",
      "freeware",
      "shell programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Shiva Ramachandran",
      "callname": "Shiv",
      "profile": {
        "exp": 8,
        "courses": 3,
        "books": 2

```json
        }
      },
      "_rid": "Yi4ZAOCmjRcUAAAAAAAAAA==",
      "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcUAAAAAAAAAA==/",
      "_etag": "\"3502313c-0000-0100-0000-641966be0000\"",
      "_attachments": "attachments/",
      "_ts": 1679386302
    },
    {
      "id": "2",
      "title": "Java in simple way",
      "isbn": 1122,
      "downloadable": true,
      "no_of_reviews": 2,
      "tags": [
        "language",
        "freeware",
        "programming"
      ],
      "languages": [
        "english",
        "hindi",
        "telugu"
      ],
      "author": {
        "name": "Karhik Ramachandran",
        "callname": "Karthik",
        "profile": {
          "exp": 1,
          "courses": 2,
          "books": 3
        }
      },
      "_rid": "Yi4ZAOCmjRcVAAAAAAAAAA==",
      "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcVAAAAAAAAAA==/",
      "_etag": "\"3502323c-0000-0100-0000-641966be0000\"",
      "_attachments": "attachments/",
      "_ts": 1679386302
    },
    {
      "id": "3",
      "title": "Python in simple way",
      "isbn": 1234,
      "downloadable": false,
      "no_of_reviews": 5,
      "tags": [
        "language",
        "freeware",
        "programming"
      ],
      "languages": [
        "english",
        "hindi",
        "telugu"
      ],
      "author": {
        "name": "Daniel IA Cohen",
        "callname": "Dan",
        "profile": {
          "exp": 8,
          "courses": 7,
          "books": 6
        }
      },
      "_rid": "Yi4ZAOCmjRcWAAAAAAAAAA==",
      "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcWAAAAAAAAAA==/",
      "_etag": "\"3502333c-0000-0100-0000-641966be0000\"",
      "_attachments": "attachments/",
      "_ts": 1679386302
    },
    {
```

```json
      "id": "5",
      "title": "MongoDB in simple way",
      "isbn": 6677,
      "downloadable": true,
      "no_of_reviews": 4,
      "tags": [
        "database",
        "cloud",
        "nosql"
      ],
      "languages": [
        "english",
        "hindi",
        "telugu"
      ],
      "author": {
        "name": "Sachin Tendulkar",
        "callname": "Sachin",
        "profile": {
          "exp": 6,
          "courses": 7,
          "books": 8
        }
      },
      "_rid": "Yi4ZAOCmjRcYAAAAAAAAAA==",
      "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcYAAAAAAAAAA==/",
      "_etag": "\"3502353c-0000-0100-0000-641966be0000\"",
      "_attachments": "attachments/",
      "_ts": 1679386302
    },
    {
      "id": "7",
      "title": "Shell Scripting in simple way",
      "isbn": 9988,
      "downloadable": true,
      "no_of_reviews": 1,
      "tags": [
        "programming"
      ],
      "languages": [
        "english",
        "hindi",
        "tamil"
      ],
      "author": {
        "name": "Rama Ramachandran",
        "callname": "Rama",
        "profile": {
          "exp": 8,
          "courses": 3,
          "books": 2
        }
      },
      "_rid": "Yi4ZAOCmjRcaAAAAAAAAAA==",
      "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcaAAAAAAAAAA==/",
      "_etag": "\"3502373c-0000-0100-0000-641966be0000\"",
      "_attachments": "attachments/",
      "_ts": 1679386302
    }
]
```

QUESTION 14:

SELECT * FROM c WHERE c.no_of_reviews < 3

SOLUTION:

```json
[
  {
    "id": "1",
    "title": "Linux in simple way",
```

```json
    "isbn": 6677,
    "downloadable": false,
    "no_of_reviews": 1,
    "tags": [
      "os",
      "freeware",
      "shell programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Shiva Ramachandran",
      "callname": "Shiv",
      "profile": {
        "exp": 8,
        "courses": 3,
        "books": 2
      }
    },
    "_rid": "Yi4ZAOCmjRcUAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcUAAAAAAAAAA==/",
    "_etag": "\"3502313c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "2",
    "title": "Java in simple way",
    "isbn": 1122,
    "downloadable": true,
    "no_of_reviews": 2,
    "tags": [
      "language",
      "freeware",
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Karhik Ramachandran",
      "callname": "Karthik",
      "profile": {
        "exp": 1,
        "courses": 2,
        "books": 3
      }
    },
    "_rid": "Yi4ZAOCmjRcVAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcVAAAAAAAAAA==/",
    "_etag": "\"3502323c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "7",
    "title": "Shell Scripting in simple way",
    "isbn": 9988,
    "downloadable": true,
    "no_of_reviews": 1,
    "tags": [
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
```

```
      "tamil"
    ],
    "author": {
      "name": "Rama Ramachandran",
      "callname": "Rama",
      "profile": {
        "exp": 8,
        "courses": 3,
        "books": 2
      }
    },
    "_rid": "Yi4ZAOCmjRcaAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcaAAAAAAAAAA==/",
    "_etag": "\"3502373c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  }
]
```

QUESTION 15:

SELECT * FROM c WHERE c.no_of_reviews >= 3 AND c.downloadable = true

SOLUTION:

```
[
  {
    "id": "5",
    "title": "MongoDB in simple way",
    "isbn": 6677,
    "downloadable": true,
    "no_of_reviews": 4,
    "tags": [
      "database",
      "cloud",
      "nosql"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Sachin Tendulkar",
      "callname": "Sachin",
      "profile": {
        "exp": 6,
        "courses": 7,
        "books": 8
      }
    },
    "_rid": "Yi4ZAOCmjRcYAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcYAAAAAAAAAA==/",
    "_etag": "\"3502353c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "6",
    "title": "Oracle in simple way",
    "isbn": 6677,
    "downloadable": true,
    "no_of_reviews": 3,
    "tags": [
      "database",
      "sql",
      "relational"
    ],
    "languages": [
      "english",
      "hindi",
```

      "telugu"
    ],
    "author": {
      "name": "Virat Kohli",
      "callname": "kohli",
      "profile": {
        "exp": 2,
        "courses": 2,
        "books": 2
      }
    },
    "_rid": "Yi4ZAOCmjRcZAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcZAAAAAAAAAA==/",
    "_etag": "\"3502363c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  }
]

QUESTION 16:

SELECT * FROM c WHERE ARRAY_CONTAINS(c.tags, 'database') OR
ARRAY_CONTAINS(c.tags, 'programming')

SOLUTION:

[
  {
    "id": "2",
    "title": "Java in simple way",
    "isbn": 1122,
    "downloadable": true,
    "no_of_reviews": 2,
    "tags": [
      "language",
      "freeware",
      "programming"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Karhik Ramachandran",
      "callname": "Karthik",
      "profile": {
        "exp": 1,
        "courses": 2,
        "books": 3
      }
    },
    "_rid": "Yi4ZAOCmjRcVAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcVAAAAAAAAAA==/",
    "_etag": "\"3502323c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "3",
    "title": "Python in simple way",
    "isbn": 1234,
    "downloadable": false,
    "no_of_reviews": 5,
    "tags": [
      "language",
      "freeware",
      "programming"
    ],
    "languages": [

```json
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Daniel IA Cohen",
      "callname": "Dan",
      "profile": {
        "exp": 8,
        "courses": 7,
        "books": 6
      }
    },
    "_rid": "Yi4ZAOCmjRcWAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcWAAAAAAAAAA==/",
    "_etag": "\"3502333c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "5",
    "title": "MongoDB in simple way",
    "isbn": 6677,
    "downloadable": true,
    "no_of_reviews": 4,
    "tags": [
      "database",
      "cloud",
      "nosql"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Sachin Tendulkar",
      "callname": "Sachin",
      "profile": {
        "exp": 6,
        "courses": 7,
        "books": 8
      }
    },
    "_rid": "Yi4ZAOCmjRcYAAAAAAAAAA==",
    "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcYAAAAAAAAAA==/",
    "_etag": "\"3502353c-0000-0100-0000-641966be0000\"",
    "_attachments": "attachments/",
    "_ts": 1679386302
  },
  {
    "id": "6",
    "title": "Oracle in simple way",
    "isbn": 6677,
    "downloadable": true,
    "no_of_reviews": 3,
    "tags": [
      "database",
      "sql",
      "relational"
    ],
    "languages": [
      "english",
      "hindi",
      "telugu"
    ],
    "author": {
      "name": "Virat Kohli",
      "callname": "kohli",
      "profile": {
        "exp": 2,
```

```json
      "courses": 2,
      "books": 2
    }
  },
  "_rid": "Yi4ZAOCmjRcZAAAAAAAAAA==",
  "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcZAAAAAAAAAA==/",
  "_etag": "\"3502363c-0000-0100-0000-641966be0000\"",
  "_attachments": "attachments/",
  "_ts": 1679386302
},
{
  "id": "7",
  "title": "Shell Scripting in simple way",
  "isbn": 9988,
  "downloadable": true,
  "no_of_reviews": 1,
  "tags": [
    "programming"
  ],
  "languages": [
    "english",
    "hindi",
    "tamil"
  ],
  "author": {
    "name": "Rama Ramachandran",
    "callname": "Rama",
    "profile": {
      "exp": 8,
      "courses": 3,
      "books": 2
    }
  },
  "_rid": "Yi4ZAOCmjRcaAAAAAAAAAA==",
  "_self": "dbs/Yi4ZAA==/colls/Yi4ZAOCmjRc=/docs/Yi4ZAOCmjRcaAAAAAAAAAA==/",
  "_etag": "\"3502373c-0000-0100-0000-641966be0000\"",
  "_attachments": "attachments/",
  "_ts": 1679386302
}
]
```