Mongo DB Tasks:

Design DB model for Guvi Zen class Student Collection, Batch Collection, Task Collection and Mentor Collection:

Sol: Student Collection:

[

{

"\_id": ObjectId("5a934e000102030405000000"),

"batch": "B30WD",

"codekata": 79,

"course": "Web development",

"id": 100,

"mentor\_name": "Akbar",

"student\_name": "John Doe",

"webkata": 87

},

{

"\_id": ObjectId("5a934e000102030405000001"),

"batch": "B29WD",

"codekata": 85,

"course": "Web development",

"id": 101,

"mentor\_name": "Ragav Kumar",

"student\_name": "Will Smith",

"webkata": 70

},

{

"\_id": ObjectId("5a934e000102030405000002"),

"batch": "B30WE",

"codekata": 89,

"course": "Data science",

"id": 102,

"mentor\_name": "Mohan",

"student\_name": "Chris Evans",

"webkata": 75

},

{

"\_id": ObjectId("5a934e000102030405000003"),

"batch": "B28WD",

"codekata": 90,

"course": "Web development",

"id": 103,

"mentor\_name": "Akbar",

"student\_name": "Thomas",

"webkata": 95

},

{

"\_id": ObjectId("5a934e000102030405000004"),

"batch": "B29WE",

"codekata": 67,

"course": "Data science",

"id": 104,

"mentor\_name": "Mohan",

"student\_name": "Jessica",

"webkata": 80

}

];

Batch Collection:

[

{

"\_id": ObjectId("5a934e000102030405000000"),

"batch\_course": "Web development",

"batch\_mentor": "Akbar",

"batch\_name": "B30WD",

"current\_session": "React and node js",

"id": 100,

"language": "English",

"no\_of\_students": 45

},

{

"\_id": ObjectId("5a934e000102030405000001"),

"batch\_course": "Web development",

"batch\_mentor": "Ragav Kumar",

"batch\_name": "B30WE",

"current\_session": "Javascript and DOM",

"id": 101,

"language": "Tamil",

"no\_of\_students": 60

},

{

"\_id": ObjectId("5a934e000102030405000002"),

"batch\_course": "Data science",

"batch\_mentor": "Akbar",

"batch\_name": "B29WD",

"current\_session": "Python",

"id": 102,

"language": "English",

"no\_of\_students": 55

},

{

"\_id": ObjectId("5a934e000102030405000003"),

"batch\_course": "Web development",

"batch\_mentor": "Ragav Kumar",

"batch\_name": "B29WE",

"current\_session": "CSS and bootstrap",

"id": 103,

"language": "Tamil",

"no\_of\_students": 65

}

]

Tasks Collection:

[

{

"\_id": ObjectId("5a934e000102030405000000"),

"deployed\_link": "def",

"github\_link": "abc",

"id": 100,

"student\_name": "John Doe",

"submitted\_batch": "B30WD",

"task\_date": "02.12.2021",

"task\_name": "DOM calculator"

},

{

"\_id": ObjectId("5a934e000102030405000001"),

"deployed\_link": "def",

"github\_link": "abc",

"id": 101,

"student\_name": "Will Smith",

"submitted\_batch": "B29WD",

"task\_date": "05.12.2021",

"task\_name": "Newspaper"

},

{

"\_id": ObjectId("5a934e000102030405000002"),

"deployed\_link": "def",

"github\_link": "abc",

"id": 102,

"student\_name": "Chris Evans",

"submitted\_batch": "B30WE",

"task\_date": "09.12.2021",

"task\_name": "Tic tac toe game"

},

{

"\_id": ObjectId("5a934e000102030405000003"),

"deployed\_link": "def",

"github\_link": "abc",

"id": 103,

"student\_name": "Thomas",

"submitted\_batch": "B28WD",

"task\_date": "13.12.2021",

"task\_name": "React webpage"

},

{

"\_id": ObjectId("5a934e000102030405000004"),

"deployed\_link": "def",

"github\_link": "abc",

"id": 104,

"student\_name": "Jessica",

"submitted\_batch": "B29WE",

"task\_date": "26.12.2021",

"task\_name": "Mongo and SQL database"

}

]

Mentor Collections:

[

{

"\_id": ObjectId("5a934e000102030405000000"),

"date\_of\_joining": "1.1.2021",

"expert\_in": "Front end web development",

"id": 100,

"mentor\_name": "Akbar",

"mentoring\_batch": "B29WD",

"no\_of\_mentees": 50,

"qualification": "MCA"

},

{

"\_id": ObjectId("5a934e000102030405000001"),

"date\_of\_joining": "1.5.2021",

"expert\_in": "Full stack web development",

"id": 101,

"mentor\_name": "Ragav Kumar",

"mentoring\_batch": "B30WD",

"no\_of\_mentees": 60,

"qualification": "MSc IT"

},

{

"\_id": ObjectId("5a934e000102030405000002"),

"date\_of\_joining": "1.10.2020",

"expert\_in": "Data science",

"id": 102,

"mentor\_name": "Mohan",

"mentoring\_batch": "B30WE",

"no\_of\_mentees": 55,

"qualification": "BE CSE"

}

]