Mongodb Task

Userlist:

1)"name": "jerald",

"email": "jerald@123",

"enrollment\_date": "01/10/24",

"codekata\_score": 19,

"mentor\_id": "mentor-1",

"attendances": [

{

"date": "01/10/2024 to 30/10/24",

"status": "present",

"absent": "03/10/2024"

}

],

"tasks": [

{

"task\_id": "react-tack",

"submission\_date": "10/10/2024",

"status": " submit"

}

]

}

{

"\_id": {

"$oid": "6734ab108f634a0a0d25f95a"

},

"name": "edwin",

"email": "edwin@654",

"enrollment\_date": "01/10/24",

"codekata\_score": 12,

"mentor\_id": "mentor-1",

"attendances": [

{

"date": "01/10/2024 to 30/10/24",

"status": "present",

"absent": "18/10/2024"

}

],

"tasks": [

{

"task\_id": "react-tack",

"submission\_date": "16/10/2024",

"status": " submit"

}

]

}

/\*\*

\* Paste one or more documents here

\*/

{

"name": "manev",

"email": "manev@65456",

"enrollment\_date": "01/10/24",

"codekata\_score": 30,

"mentor\_id": "mentor-6",

"attendances": [

{

"date": "01/10/2024 to 30/10/24",

"status": "present",

"absent": "07/10/2024"

}

],

"tasks": [

{

"task\_id": "react-tack",

"submission\_date": "11/10/2024",

"status": " submit"

}

]

}

{

"\_id": {

"$oid": "6734ab108f634a0a0d25f95c"

},

"name": "leo",

"email": "leo@143",

"enrollment\_date": "01/10/24",

"codekata\_score": 23,

"mentor\_id": "mentor-1",

"attendances": [

{

"date": "01/10/2024 to 30/10/24",

"status": "present",

"absent": "19/10/2024"

}

],

"tasks": [

{

"task\_id": "react-tack",

"submission\_date": "13/10/2024",

"status": " submit"

}

]

}

{

"\_id": {

"$oid": "6734ab108f634a0a0d25f95d"

},

"name": "vijay",

"email": "vijay@54556",

"enrollment\_date": "01/10/24",

"codekata\_score": 100,

"mentor\_id": "mentor-1",

"attendances": [

{

"date": "01/10/2024 to 30/10/24",

"status": "present",

"absent": "07/10/2024"

}

],

"tasks": [

{

"task\_id": "react-tack",

"submission\_date": "10/10/2024",

"status": " submit"

}

]

}

Attendance:

{

"\_id": {

"$oid": "6734b1c48f634a0a0d25f975"

},

"id": "6734aa278f634a0a0d25f958",

"user\_id": "jerald",

"date": "01/10/24 t0 30/10/24",

"status": "present",

"absent": "03/10/2024"

}

2) {

"\_id": {

"$oid": "6734b1c48f634a0a0d25f976"

},

"id": "6734ab108f634a0a0d25f95a",

"user\_id": "edwin",

"date": "01/10/24 t0 30/10/24",

"status": "present",

"absent": "18/10/2024"

}

3) {

"\_id": {

"$oid": "6734b1c48f634a0a0d25f977"

},

"id": "6734ab108f634a0a0d25f95b",

"user\_id": "manev",

"date": "01/10/24 t0 30/10/24",

"status": "present",

"absent": "07/10/202"

}

4) {

"\_id": {

"$oid": "6734b1c48f634a0a0d25f978"

},

"id": "6734ab108f634a0a0d25f95d",

"user\_id": "vijay",

"date": "01/10/24 t0 30/10/24",

"status": "present",

"absent": "07/10/2024"

}

5) {

"\_id": {

"$oid": "6734b1c48f634a0a0d25f979"

},

"id": "6734ab108f634a0a0d25f95c",

"user\_id": "leo",

"date": "01/10/24 t0 30/10/24",

"status": "present",

"absent": "19/10/2024"

}

Tasks:

1) {

"\_id": {

"$oid": "6734b8998f634a0a0d25f989"

},

"id": "6734aa278f634a0a0d25f958",

"user\_id": "jerald",

"task\_name": "react-task",

"assigned\_date": "08/10/24",

"submit\_date": "10/10/24"

}

2) {

"\_id": {

"$oid": "6734b8998f634a0a0d25f98a"

},

"id": "6734ab108f634a0a0d25f95a",

"user\_id": "edwin",

"task\_name": "react-task",

"assigned\_date": "08/10/24",

"submit\_date": "16/10/24"

}

3) {

"\_id": {

"$oid": "6734b8998f634a0a0d25f98b"

},

"id": "6734ab108f634a0a0d25f95b",

"user\_id": "manev",

"task\_name": "react-task",

"assigned\_date": "08/10/24",

"submit\_date": "11/10/24"

}

4) {

"\_id": {

"$oid": "6734b8998f634a0a0d25f98c"

},

"id": "6734ab108f634a0a0d25f95d",

"user\_id": "vijay",

"task\_name": "react-task",

"assigned\_date": "08/10/24",

"submit\_date": "10/10/24"

}

5) {

"\_id": {

"$oid": "6734b8998f634a0a0d25f98d"

},

"id": "6734ab108f634a0a0d25f95c",

"user\_id": "leo",

"task\_name": "react-task",

"assigned\_date": "08/10/24",

"submit\_date": "10/10/24"

}

Topics:

1) {

"\_id": {

"$oid": "6734b3fd8f634a0a0d25f97c"

},

"id": "6734aa278f634a0a0d25f958",

"topic\_name": "React",

"date": "01/10/24 t0 30/10/24",

"tasks": "react-tack"

}

2) {

"\_id": {

"$oid": "6734b3fd8f634a0a0d25f97d"

},

"id": "6734ab108f634a0a0d25f95a",

"topic\_name": "React",

"date": "01/10/24 t0 30/10/24",

"tasks": "react-tack"

}

3) {

"\_id": {

"$oid": "6734b3fd8f634a0a0d25f97e"

},

"id": "6734ab108f634a0a0d25f95b",

"topic\_name": "React",

"date": "01/10/24 t0 30/10/24",

"tasks": "react-tack"

}

4) {

"\_id": {

"$oid": "6734b3fd8f634a0a0d25f97f"

},

"id": "6734ab108f634a0a0d25f95d",

"topic\_name": "React",

"date": "01/10/24 t0 30/10/24",

"tasks": "react-tack"

}

5) {

"\_id": {

"$oid": "6734b3fd8f634a0a0d25f980"

},

"id": "6734ab108f634a0a0d25f95c",

"topic\_name": "React",

"date": "01/10/24 t0 30/10/24",

"tasks": "react-tack"

}

Codekata:

1) {

"\_id": {

"$oid": "6734afce8f634a0a0d25f969"

},

"id": "6734aa278f634a0a0d25f958",

"user\_id": "jerald",

"problems\_solved": "19",

"last\_attempt\_date": "19/10/24"

}

2) {

"\_id": {

"$oid": "6734afce8f634a0a0d25f96a"

},

"id": "6734ab108f634a0a0d25f95a",

"user\_id": "edwin",

"problems\_solved": "12",

"last\_attempt\_date": "20/10/24"

}

3) {

"\_id": {

"$oid": "6734afce8f634a0a0d25f96b"

},

"id": "6734ab108f634a0a0d25f95b",

"user\_id": "manev",

"problems\_solved": "30",

"last\_attempt\_date": "25/10/24"

}

4) {

"\_id": {

"$oid": "6734afce8f634a0a0d25f96c"

},

"id": "6734ab108f634a0a0d25f95d",

"user\_id": "vijay",

"problems\_solved": "100",

"last\_attempt\_date": "29/10/24"

}

Company-Drive:

1) {

"\_id": {

"$oid": "6734b9ae8f634a0a0d25f990"

},

"id": "6734aa278f634a0a0d25f958",

"user\_id": "jerald",

"company\_name": "zoho",

"drive\_date": "17/10/24"

}

2) {

"\_id": {

"$oid": "6734b9ae8f634a0a0d25f991"

},

"id": "6734ab108f634a0a0d25f95a",

"user\_id": "edwin",

"company\_name": "zoho",

"drive\_date": "17/10/24"

}

3) {

"\_id": {

"$oid": "6734b9ae8f634a0a0d25f992"

},

"id": "6734ab108f634a0a0d25f95b",

"user\_id": "manev",

"company\_name": "zoho",

"drive\_date": "17/10/24"

}

4) {

"\_id": {

"$oid": "6734b9ae8f634a0a0d25f993"

},

"id": "6734ab108f634a0a0d25f95d",

"user\_id": "vijay",

"company\_name": "zoho",

"drive\_date": "17/10/24"

}

5) {

"\_id": {

"$oid": "6734b9ae8f634a0a0d25f994"

},

"id": "6734ab108f634a0a0d25f95c",

"user\_id": "leo",

"company\_name": "zoho",

"drive\_date": "17/10/24"

}

Mentor:

1) {

"\_id": {

"$oid": "6734bee08f634a0a0d25f997"

},

"mentor\_name": "sathish sir"

}

2) {

"\_id": {

"$oid": "6734bee08f634a0a0d25f998"

},

"mentor\_name": "suresh sir"

}

Quary:

1) Find all the topics and tasks which are taught in the month of October:

db.topics.find({

{ $date: 01/10/24 to 30/10/24 }

});

[

{

"\_id": { "$oid": "6734b3fd8f634a0a0d25f97c" },

"id": "6734aa278f634a0a0d25f958",

"topic\_name": "React",

"date": "01/10/24 to 30/10/24",

"tasks": "react-task"

},

{

"\_id": { "$oid": "6734b3fd8f634a0a0d25f97d" },

"id": "6734ab108f634a0a0d25f95a",

"topic\_name": "React",

"date": "01/10/24 to 30/10/24",

"tasks": "react-task"

},

{

"\_id": { "$oid": "6734b3fd8f634a0a0d25f97e" },

"id": "6734ab108f634a0a0d25f95b",

"topic\_name": "React",

"date": "01/10/24 to 30/10/24",

"tasks": "react-task"

},

{

"\_id": { "$oid": "6734b3fd8f634a0a0d25f97f" },

"id": "6734ab108f634a0a0d25f95d",

"topic\_name": "React",

"date": "01/10/24 to 30/10/24",

"tasks": "react-task"

},

{

"\_id": { "$oid": "6734b3fd8f634a0a0d25f980" },

"id": "6734ab108f634a0a0d25f95c",

"topic\_name": "React",

"date": "01/10/24 to 30/10/24",

"tasks": "react-task"

}

]

2) Find all the company drives which appeared between 15-Oct-2020 and 31-Oct-2020:

db["company-drive"].find({"drive\_date":"17/10/24"});

{

\_id: ObjectId('6734b9ae8f634a0a0d25f994'),

id: '6734ab108f634a0a0d25f95c',

user\_id: 'leo',

company\_name: 'zoho',

drive\_date: '17/10/24'

}

{

\_id: ObjectId('6734b9ae8f634a0a0d25f991'),

id: '6734ab108f634a0a0d25f95a',

user\_id: 'edwin',

company\_name: 'zoho',

drive\_date: '17/10/24'

}

{

\_id: ObjectId('6734b9ae8f634a0a0d25f992'),

id: '6734ab108f634a0a0d25f95b',

user\_id: 'manev',

company\_name: 'zoho',

drive\_date: '17/10/24

}

{

\_id: ObjectId('6734b9ae8f634a0a0d25f993'),

id: '6734ab108f634a0a0d25f95d',

user\_id: 'vijay',

company\_name: 'zoho',

drive\_date: '17/10/24'

}

3) Find all the company drives and students who appeared for the placement:

db["company-drive"].find({"drive-attend":"yes"});

{

\_id: ObjectId('6734b9ae8f634a0a0d25f990'),

id: '6734aa278f634a0a0d25f958',

user\_id: 'jerald',

company\_name: 'zoho',

drive\_date: '17/10/24',

'drive-attend': 'yes'

}

4) Find the number of problems solved by each user in codekata:

db.users.find({}, { name: 1, codekata\_score: 1 });

{

\_id: ObjectId('6734aa278f634a0a0d25f958'),

name: 'jerald',

codekata\_score: 19

}

{

\_id: ObjectId('6734ab108f634a0a0d25f95a'),

name: 'edwin',

codekata\_score: 12

}

{

\_id: ObjectId('6734ab108f634a0a0d25f95b'),

name: 'manev',

codekata\_score: 30

}

{

\_id: ObjectId('6734ab108f634a0a0d25f95c'),

name: 'leo',

codekata\_score: 23

}

{

\_id: ObjectId('6734ab108f634a0a0d25f95d'),

name: 'vijay',

codekata\_score: 100

}

5)Find all mentors who have more than 15 mentees:

db.mentors.find({ { { “mentees”:15] } });

{

"\_id": {

"$oid": "6734bee08f634a0a0d25f998"

},

"mentor\_name": "suresh sir",

"mentess": "18"

}

6) Find the number of users who are absent and have not submitted tasks between 15-Oct-2020 and 31-Oct-2020:

{

"\_id": {

"$oid": "6734b1c48f634a0a0d25f976"

},

"id": "6734ab108f634a0a0d25f95a",

"user\_id": "edwin",

"date": "01/10/24 t0 30/10/24",

"status": "present",

"absent": "18/10/2024"

}

{

"\_id": {

"$oid": "6734b1c48f634a0a0d25f979"

},

"id": "6734ab108f634a0a0d25f95c",

"user\_id": "leo",

"date": "01/10/24 t0 30/10/24",

"status": "present",

"absent": "19/10/2024"

}