**A01 Pavan Agrawal**

**A15 Nesargi Charania**

**A28 Dinal Hansora**

**A32 Kirtan Jani**

**A49 Jay Nadiyadi**

**A53 Sahil Panchal**

**Attendance Management System:**

student table

faculty table

subject table

faculty assign subject

time slot table

department table

student semester table

semester table

time table

report

attendance

Report Table :

db.Report.insertOne({ 'id':1 , 'StudentId':1 , 'TotalClasses':10 , 'ClassesAttended' : 5 , 'AttendanceRate':50 , 'SubjectId':1 , 'SemesterId':1 })

db.Report.insertOne({ 'id':2 , 'StudentId':2 , 'TotalClasses':10 , 'ClassesAttended' : 5 , 'AttendanceRate':50 , 'SubjectId':1 , 'SemesterId':1 })

db.Report.insertOne({ 'id':3 , 'StudentId':3 , 'TotalClasses':10 , 'ClassesAttended' : 6 , 'AttendanceRate':60 , 'SubjectId':2 , 'SemesterId':2 })

db.Report.insertOne({ 'id':4 , 'StudentId':3 , 'TotalClasses':10 , 'ClassesAttended' : 6 , 'AttendanceRate':60 , 'SubjectId':2 , 'SemesterId':2 })

db.Report.insertOne({ 'id':5 , 'StudentId':4 , 'TotalClasses':10 , 'ClassesAttended' : 6 , 'AttendanceRate':60 , 'SubjectId':3 , 'SemesterId':3 })

db.Report.insertOne({ 'id':6 , 'StudentId':6 , 'TotalClasses':10 , 'ClassesAttended' : 6 , 'AttendanceRate':60 , 'SubjectId':2 , 'SemesterId':2 })

db.Report.insertOne({ 'id':7 , 'StudentId':7 , 'TotalClasses':10 , 'ClassesAttended' : 7 , 'AttendanceRate':60 , 'SubjectId':1 , 'SemesterId':2 })

db.Report.insertOne({ 'id':8 , 'StudentId':4 , 'TotalClasses':10 , 'ClassesAttended' : 6 , 'AttendanceRate':60 , 'SubjectId':3 , 'SemesterId':3 })

db.Report.insertOne({ 'id':9 , 'StudentId':4 , 'TotalClasses':10 , 'ClassesAttended' : 6 , 'AttendanceRate':60 , 'SubjectId':3 , 'SemesterId':3 })

db.Report.insertOne({ 'id':10 , 'StudentId':6 , 'TotalClasses':10 , 'ClassesAttended' : 8 , 'AttendanceRate':80 , 'SubjectId':3 , 'SemesterId':3 })

[

{

\_id: ObjectId("6796f40e1b350a3bad8c01a4"),

id: 1,

StudentId: 1,

TotalClasses: 10,

ClassesAttended: 5,

AttendanceRate: 50,

SubjectId: 1,

SemesterId: 1

},

{

\_id: ObjectId("6796f5f51b350a3bad8c01a5"),

id: 2,

StudentId: 2,

TotalClasses: 10,

ClassesAttended: 5,

AttendanceRate: 50,

SubjectId: 1,

SemesterId: 1

},

{

\_id: ObjectId("6796f65d1b350a3bad8c01a6"),

id: 3,

StudentId: 3,

TotalClasses: 10,

ClassesAttended: 6,

AttendanceRate: 60,

SubjectId: 2,

SemesterId: 2

},

{

\_id: ObjectId("6796f66f1b350a3bad8c01a7"),

id: 4,

StudentId: 3,

TotalClasses: 10,

ClassesAttended: 6,

AttendanceRate: 60,

SubjectId: 2,

SemesterId: 2

},

{

\_id: ObjectId("6796f7121b350a3bad8c01a8"),

id: 5,

StudentId: 4,

TotalClasses: 10,

ClassesAttended: 6,

AttendanceRate: 60,

SubjectId: 3,

SemesterId: 3

},

{

\_id: ObjectId("6796f7f01b350a3bad8c01a9"),

id: 6,

StudentId: 6,

TotalClasses: 10,

ClassesAttended: 6,

AttendanceRate: 60,

SubjectId: 2,

SemesterId: 2

},

{

\_id: ObjectId("6796f8291b350a3bad8c01aa"),

id: 7,

StudentId: 7,

TotalClasses: 10,

ClassesAttended: 7,

AttendanceRate: 60,

SubjectId: 1,db.Report.insertOne({ 'id':1 , 'StudentId':1 , 'TotalClasses':10 , 'ClassesAttended' : 5 , 'AttendanceRate':50 , 'SubjectId':1 , 'SemesterId':1 })

SemesterId: 2

},

{

\_id: ObjectId("6796f85f1b350a3bad8c01ab"),

id: 5,

StudentId: 4,

TotalClasses: 10,

ClassesAttended: 6,

AttendanceRate: 60,

SubjectId: 3,

SemesterId: 3

},

{

\_id: ObjectId("6796f87f1b350a3bad8c01ac"),

id: 9,

StudentId: 4,

TotalClasses: 10,

ClassesAttended: 6,

AttendanceRate: 60,

SubjectId: 3,

SemesterId: 3

},

{

\_id: ObjectId("6796f8961b350a3bad8c01ad"),

id: 10,

StudentId: 6,

TotalClasses: 10,

ClassesAttended: 8,

AttendanceRate: 80,

SubjectId: 3,

SemesterId: 3

}

]

--------------------------------------------------------------------------------------------------------------

Attendance Table :

db.Attendance.insertOne({ 'id':1 , 'date':'15-8-2010' , 'UserType':'Student' , 'UserId':1 , 'Attendance':'Present' , 'SemesterId':1 , 'SubjectId':1 })

db.Attendance.insertOne({ 'id':2 , 'date':'15-8-2011' , 'UserType':'Student' , 'UserId':2 , 'Attendance':'Present' , 'SemesterId':2 , 'SubjectId':1 })

db.Attendance.insertOne({ 'id':3 , 'date':'10-8-2011' , 'UserType':'Faculty' , 'UserId':3 , 'Attendance':'Present' , 'SemesterId':2 , 'SubjectId':1 })

db.Attendance.insertOne({ 'id':4 , 'date':'10-8-2011' , 'UserType':'Student' , 'UserId':4 , 'SemesterId':2 , 'SubjectId':1 })\

db.Attendance.insertOne({ 'id':4 , 'date':'20-8-2011' , 'UserType':'Faculty' , 'UserId':4 , 'Attendance':'Present' , 'SemesterId':1 , 'SubjectId':1 })

db.Attendance.insertOne({ 'id':6 , 'date':'20-8-2001' , 'UserType':'Student' , 'UserId':6 , 'Attendance':'Present' , 'SemesterId':3 , 'SubjectId':4 })

db.Attendance.insertOne({ 'id':7 , 'date':'20-8-2001' , 'UserType':'Student' , 'UserId':7 , 'Attendance':'Present' , 'SemesterId':3 , 'SubjectId':4 })

db.Attendance.insertOne({ 'id':8 , 'date':'20-08-2005' , 'UserType':'Student' , 'UserId':8 , 'Attendance':'Absent' , 'SemesterId':3 , 'SubjectId':4 })

db.Attendance.insertOne({ 'id':9 , 'date':'20-08-2005' , 'UserType':'Student' , 'UserId':9 , 'Attendance':'Absent' , 'SemesterId':2 , 'SubjectId':4 })

db.Attendance.insertOne({ 'id':10 , 'date':'20-08-2005' , 'UserType':'Student' , 'UserId':10 , 'Attendance':'Present' , 'SemesterId':2 , 'SubjectId':4 })

[

{

\_id: ObjectId("6796fa2e1b350a3bad8c01ae"),

id: 1,

date: '15-8-2010',

UserType: 'Student',

UserId: 1,

Attendance: 'Present',

SemesterId: 1,

SubjectId: 1

},

{

\_id: ObjectId("6796fa511b350a3bad8c01af"),

id: 2,

date: '15-8-2011',

UserType: 'Student',

UserId: 2,

Attendance: 'Present',

SemesterId: 2,

SubjectId: 1

},

{

\_id: ObjectId("6796fac81b350a3bad8c01b0"),

id: 3,

date: '10-8-2011',

UserType: 'Faculty',

UserId: 3,

Attendance: 'Present',

SemesterId: 2,

SubjectId: 1

},

{

\_id: ObjectId("6796fb271b350a3bad8c01b1"),

id: 4,

date: '10-8-2011',

UserType: 'Student',

UserId: 4,

SemesterId: 2,

SubjectId: 1

},

{

\_id: ObjectId("6796fb591b350a3bad8c01b2"),

id: 4,

date: '20-8-2011',

UserType: 'Faculty',

UserId: 4,

Attendance: 'Present',

SemesterId: 1,

SubjectId: 1

},

{

\_id: ObjectId("6796fb8c1b350a3bad8c01b3"),

id: 6,

date: '20-8-2001',

UserType: 'Student',

UserId: 6,

Attendance: 'Present',

SemesterId: 3,

SubjectId: 4

},

{

\_id: ObjectId("6796fb9a1b350a3bad8c01b4"),

id: 7,

date: '20-8-2001',

UserType: 'Student',

UserId: 7,

Attendance: 'Present',

SemesterId: 3,

SubjectId: 4

},

{

\_id: ObjectId("6796fbba1b350a3bad8c01b5"),

id: 8,

date: '20-08-2005',

UserType: 'Student',

UserId: 8,

Attendance: 'Absent',

SemesterId: 3,

SubjectId: 4

},

{

\_id: ObjectId("6796fbcf1b350a3bad8c01b6"),

id: 9,

date: '20-08-2005',

UserType: 'Student',

UserId: 9,

Attendance: 'Absent',

SemesterId: 2,

SubjectId: 4

},

{

\_id: ObjectId("6796fbe11b350a3bad8c01b7"),

id: 10,

date: '20-08-2005',

UserType: 'Student',

UserId: 10,

Attendance: 'Present',

SemesterId: 2,

SubjectId: 4

}

]

department table

db.DepartmentTable.insertOne({ id:'A01', departmentname:"MCA" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796f7010ecc1ad175bccf9a")

}

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("6796f89e0ecc1ad175bccf9c"),

ObjectId("6796f89e0ecc1ad175bccf9d"),

ObjectId("6796f89e0ecc1ad175bccf9e"),

ObjectId("6796f89e0ecc1ad175bccf9f"),

ObjectId("6796f89e0ecc1ad175bccfa0")

]

}

> db.DepartmentTable.insertMany([ { id:'B15', departmentname:'MCA' }, { id:'B28', departmentname:'MCA' },{ id:'B32', departmentname:'MCA' }, { id:'B49', departmentname:'MCA' }, { id:'B53', departmentname:'MCA' }])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("6796f8ea0ecc1ad175bccfa1"),

ObjectId("6796f8ea0ecc1ad175bccfa2"),

ObjectId("6796f8ea0ecc1ad175bccfa3"),

ObjectId("6796f8ea0ecc1ad175bccfa4"),

ObjectId("6796f8ea0ecc1ad175bccfa5")

]

}

db.DepartmentTable.find().pretty()

{

"\_id" : ObjectId("6796f76d0ecc1ad175bccf9b"),

"id" : "A01",

"departmentname" : "MCA"

}

{

"\_id" : ObjectId("6796f89e0ecc1ad175bccf9c"),

"id" : "A15",

"departmentname" : "MCA"

}

{

"\_id" : ObjectId("6796f89e0ecc1ad175bccf9d"),

"id" : "A28",

"departmentname" : "MCA"

}

{

"\_id" : ObjectId("6796f89e0ecc1ad175bccf9e"),

"id" : "A32",

"departmentname" : "MCA"

}

{

"\_id" : ObjectId("6796f89e0ecc1ad175bccf9f"),

"id" : "A49",

"departmentname" : "MCA"

}

{

"\_id" : ObjectId("6796f89e0ecc1ad175bccfa0"),

"id" : "A53",

"departmentname" : "MCA"

}

{

"\_id" : ObjectId("6796f8ea0ecc1ad175bccfa1"),

"id" : "B15",

"departmentname" : "MCA"

}

{

"\_id" : ObjectId("6796f8ea0ecc1ad175bccfa2"),

"id" : "B28",

"departmentname" : "MCA"

}

{

"\_id" : ObjectId("6796f8ea0ecc1ad175bccfa3"),

"id" : "B32",

"departmentname" : "MCA"

}

{

"\_id" : ObjectId("6796f8ea0ecc1ad175bccfa4"),

"id" : "B49",

"departmentname" : "MCA"

}

{

"\_id" : ObjectId("6796f8ea0ecc1ad175bccfa5"),

"id" : "B53",

"departmentname" : "MCA"

}

>

student semester table

> db.createCollection("StudentSemesterTable")

> db.StudentSemesterTable.insertOne({ id:1, studentId:1, semesterId:1 })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fa7b0ecc1ad175bccfa6")

}

>

> db.StudentSemesterTable.insertOne({ id:2, studentId:2, semesterId:1 })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fad00ecc1ad175bccfa7")

}

> db.StudentSemesterTable.insertOne({ id:3, studentId:3, semesterId:1 })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fad60ecc1ad175bccfa8")

}

> db.StudentSemesterTable.insertOne({ id:4, studentId:4, semesterId:1 })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fadd0ecc1ad175bccfa9")

}

> db.StudentSemesterTable.insertOne({ id:5, studentId:5, semesterId:1 })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fae30ecc1ad175bccfaa")

}

> db.StudentSemesterTable.insertOne({ id:6, studentId:6, semesterId:1 })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fae90ecc1ad175bccfab")

}

> db.StudentSemesterTable.insertOne({ id:7, studentId:7, semesterId:1 })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796faee0ecc1ad175bccfac")

}

> db.StudentSemesterTable.insertOne({ id:8, studentId:8, semesterId:1 })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796faf30ecc1ad175bccfad")

}

> db.StudentSemesterTable.insertOne({ id:9, studentId:9, semesterId:1 })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796faf90ecc1ad175bccfae")

}

> db.StudentSemesterTable.insertOne({ id:10, studentId:10, semesterId:1 })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796faff0ecc1ad175bccfaf")

}

>

> db.StudentSemesterTable.find().pretty()

{

"\_id" : ObjectId("6796fa7b0ecc1ad175bccfa6"),

"id" : 1,

"studentId" : 1,

"semesterId" : 1

}

{

"\_id" : ObjectId("6796fad00ecc1ad175bccfa7"),

"id" : 2,

"studentId" : 2,

"semesterId" : 1

}

{

"\_id" : ObjectId("6796fad60ecc1ad175bccfa8"),

"id" : 3,

"studentId" : 3,

"semesterId" : 1

}

{

"\_id" : ObjectId("6796fadd0ecc1ad175bccfa9"),

"id" : 4,

"studentId" : 4,

"semesterId" : 1

}

{

"\_id" : ObjectId("6796fae30ecc1ad175bccfaa"),

"id" : 5,

"studentId" : 5,

"semesterId" : 1

}

{

"\_id" : ObjectId("6796fae90ecc1ad175bccfab"),

"id" : 6,

"studentId" : 6,

"semesterId" : 1

}

{

"\_id" : ObjectId("6796faee0ecc1ad175bccfac"),

"id" : 7,

"studentId" : 7,

"semesterId" : 1

}

{

"\_id" : ObjectId("6796faf30ecc1ad175bccfad"),

"id" : 8,

"studentId" : 8,

"semesterId" : 1

}

{

"\_id" : ObjectId("6796faf90ecc1ad175bccfae"),

"id" : 9,

"studentId" : 9,

"semesterId" : 1

}

{

"\_id" : ObjectId("6796faff0ecc1ad175bccfaf"),

"id" : 10,

"studentId" : 10,

"semesterId" : 1

}

>

semester table

> db.SemesterTable.insertOne({ id:1, semesterName:2, startdate:"27-01-2025", enddate:"31-2-2025" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fc740ecc1ad175bccfb0")

}

>

> db.SemesterTable.insertOne({ id:2, semesterName:2, startdate:"27-01-2025", enddate:"31-2-2025" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fc820ecc1ad175bccfb1")

}

> db.SemesterTable.insertOne({ id:3, semesterName:2, startdate:"27-01-2025", enddate:"31-2-2025" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fc900ecc1ad175bccfb2")

}

> db.SemesterTable.insertOne({ id:4, semesterName:2, startdate:"27-01-2025", enddate:"31-2-2025" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fc940ecc1ad175bccfb3")

}

> db.SemesterTable.insertOne({ id:5, semesterName:2, startdate:"27-01-2025", enddate:"31-2-2025" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fc970ecc1ad175bccfb4")

}

> db.SemesterTable.insertOne({ id:6, semesterName:2, startdate:"27-01-2025", enddate:"31-2-2025" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fc9b0ecc1ad175bccfb5")

}

> db.SemesterTable.insertOne({ id:7, semesterName:2, startdate:"27-01-2025", enddate:"31-2-2025" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fca20ecc1ad175bccfb6")

}

> db.SemesterTable.insertOne({ id:8, semesterName:2, startdate:"27-01-2025", enddate:"31-2-2025" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fca50ecc1ad175bccfb7")

}

> db.SemesterTable.insertOne({ id:9, semesterName:2, startdate:"27-01-2025", enddate:"31-2-2025" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fca90ecc1ad175bccfb8")

}

> db.SemesterTable.insertOne({ id:10, semesterName:2, startdate:"27-01-2025", enddate:"31-2-2025" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fcad0ecc1ad175bccfb9")

}

>

> db.SemesterTable.find().pretty()

{

"\_id" : ObjectId("6796fc740ecc1ad175bccfb0"),

"id" : 1,

"semesterName" : 2,

"startdate" : "27-01-2025",

"enddate" : "31-2-2025"

}

{

"\_id" : ObjectId("6796fc820ecc1ad175bccfb1"),

"id" : 2,

"semesterName" : 2,

"startdate" : "27-01-2025",

"enddate" : "31-2-2025"

}

{

"\_id" : ObjectId("6796fc900ecc1ad175bccfb2"),

"id" : 3,

"semesterName" : 2,

"startdate" : "27-01-2025",

"enddate" : "31-2-2025"

}

{

"\_id" : ObjectId("6796fc940ecc1ad175bccfb3"),

"id" : 4,

"semesterName" : 2,

"startdate" : "27-01-2025",

"enddate" : "31-2-2025"

}

{

"\_id" : ObjectId("6796fc970ecc1ad175bccfb4"),

"id" : 5,

"semesterName" : 2,

"startdate" : "27-01-2025",

"enddate" : "31-2-2025"

}

{

"\_id" : ObjectId("6796fc9b0ecc1ad175bccfb5"),

"id" : 6,

"semesterName" : 2,

"startdate" : "27-01-2025",

"enddate" : "31-2-2025"

}

{

"\_id" : ObjectId("6796fca20ecc1ad175bccfb6"),

"id" : 7,

"semesterName" : 2,

"startdate" : "27-01-2025",

"enddate" : "31-2-2025"

}

{

"\_id" : ObjectId("6796fca50ecc1ad175bccfb7"),

"id" : 8,

"semesterName" : 2,

"startdate" : "27-01-2025",

"enddate" : "31-2-2025"

}

{

"\_id" : ObjectId("6796fca90ecc1ad175bccfb8"),

"id" : 9,

"semesterName" : 2,

"startdate" : "27-01-2025",

"enddate" : "31-2-2025"

}

{

"\_id" : ObjectId("6796fcad0ecc1ad175bccfb9"),

"id" : 10,

"semesterName" : 2,

"startdate" : "27-01-2025",

"enddate" : "31-2-2025"

}

>

time table

> db.createCollection("TimeTable")

{ "ok" : 1 }

> db.TimeTable.insertOne({

... id:1,

... day:"Monday",

... One:"FS",

... Two:"FS",

... Third:"BCT",

... Four:"DP",

... Five:"ST",

... Six:"EH"

... })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fd990ecc1ad175bccfba")

}

> db.TimeTable.insertOne({ id:2, day:"Monday", One:"FS", Two:"FS", Third:"BCT", Four:"DP", Five:"ST", Six:"EH" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fdc6bfacabc26d1ed5da")

}

> db.TimeTable.insertOne({ id:3, day:"Monday", One:"FS", Two:"FS", Third:"BCT", Four:"DP", Five:"ST", Six:"EH" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fdcfbfacabc26d1ed5db")

}

> db.TimeTable.insertOne({ id:4, day:"Monday", One:"FS", Two:"FS", Third:"BCT", Four:"DP", Five:"ST", Six:"EH" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fdd4bfacabc26d1ed5dc")

}

> db.TimeTable.insertOne({ id:5, day:"Monday", One:"FS", Two:"FS", Third:"BCT", Four:"DP", Five:"ST", Six:"EH" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fdd8bfacabc26d1ed5dd")

}

> db.TimeTable.insertOne({ id:6, day:"Monday", One:"FS", Two:"FS", Third:"BCT", Four:"DP", Five:"ST", Six:"EH" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fdddbfacabc26d1ed5de")

}

> db.TimeTable.insertOne({ id:7, day:"Tuesday", One:"FS", Two:"FS", Third:"BCT", Four:"DP", Five:"ST", Six:"EH" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fdefbfacabc26d1ed5df")

}

> db.TimeTable.insertOne({ id:8, day:"Tuesday", One:"FS", Two:"FS", Third:"BCT", Four:"DP", Five:"ST", Six:"EH" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fdf4bfacabc26d1ed5e0")

}

> db.TimeTable.insertOne({ id:9, day:"Tuesday", One:"FS", Two:"FS", Third:"BCT", Four:"DP", Five:"ST", Six:"EH" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fdf9bfacabc26d1ed5e1")

}

> db.TimeTable.insertOne({ id:10, day:"Tuesday", One:"FS", Two:"FS", Third:"BCT", Four:"DP", Five:"ST", Six:"EH" })

{

"acknowledged" : true,

"insertedId" : ObjectId("6796fdfdbfacabc26d1ed5e2")

}

>

db.TimeTable.find().pretty()

{

"\_id" : ObjectId("6796fd990ecc1ad175bccfba"),

"id" : 1,

"day" : "Monday",

"One" : "FS",

"Two" : "FS",

"Third" : "BCT",

"Four" : "DP",

"Five" : "ST",

"Six" : "EH"

}

{

"\_id" : ObjectId("6796fdc6bfacabc26d1ed5da"),

"id" : 2,

"day" : "Monday",

"One" : "FS",

"Two" : "FS",

"Third" : "BCT",

"Four" : "DP",

"Five" : "ST",

"Six" : "EH"

}

{

"\_id" : ObjectId("6796fdcfbfacabc26d1ed5db"),

"id" : 3,

"day" : "Monday",

"One" : "FS",

"Two" : "FS",

"Third" : "BCT",

"Four" : "DP",

"Five" : "ST",

"Six" : "EH"

}

{

"\_id" : ObjectId("6796fdd4bfacabc26d1ed5dc"),

"id" : 4,

"day" : "Monday",

"One" : "FS",

"Two" : "FS",

"Third" : "BCT",

"Four" : "DP",

"Five" : "ST",

"Six" : "EH"

}

{

"\_id" : ObjectId("6796fdd8bfacabc26d1ed5dd"),

"id" : 5,

"day" : "Monday",

"One" : "FS",

"Two" : "FS",

"Third" : "BCT",

"Four" : "DP",

"Five" : "ST",

"Six" : "EH"

}

{

"\_id" : ObjectId("6796fdddbfacabc26d1ed5de"),

"id" : 6,

"day" : "Monday",

"One" : "FS",

"Two" : "FS",

"Third" : "BCT",

"Four" : "DP",

"Five" : "ST",

"Six" : "EH"

}

{

"\_id" : ObjectId("6796fdefbfacabc26d1ed5df"),

"id" : 7,

"day" : "Tuesday",

"One" : "FS",

"Two" : "FS",

"Third" : "BCT",

"Four" : "DP",

"Five" : "ST",

"Six" : "EH"

}

{

"\_id" : ObjectId("6796fdf4bfacabc26d1ed5e0"),

"id" : 8,

"day" : "Tuesday",

"One" : "FS",

"Two" : "FS",

"Third" : "BCT",

"Four" : "DP",

"Five" : "ST",

"Six" : "EH"

}

{

"\_id" : ObjectId("6796fdf9bfacabc26d1ed5e1"),

"id" : 9,

"day" : "Tuesday",

"One" : "FS",

"Two" : "FS",

"Third" : "BCT",

"Four" : "DP",

"Five" : "ST",

"Six" : "EH"

}

{

"\_id" : ObjectId("6796fdfdbfacabc26d1ed5e2"),

"id" : 10,

"day" : "Tuesday",

"One" : "FS",

"Two" : "FS",

"Third" : "BCT",

"Four" : "DP",

"Five" : "ST",

"Six" : "EH"

}

>

> db.createCollection("subject\_table");

{ "ok" : 1 }

> db.createCollection("faculty\_assign\_subject\_table");

{ "ok" : 1 }

> db.createCollection("time\_table\_slot\_table");

{ "ok" : 1 }

subject\_table

> db.subject\_table.insertMany(

... [

... {

... Id:1,

... SubjectName:"Fullstack",

... DepartmentId:1,

... SemesterId:1

... },

... {

... Id:2,

... SubjectName:"A",

... DepartmentId:2,

... SemesterId:2

... },

... {

... Id:3,

... SubjectName:"B",

... DepartmentId:3,

... SemesterId:3

... },

... {

... Id:4,

... SubjectName:"C",

... DepartmentId:4,

... SemesterId:4

... },

... {

... Id:5,

... SubjectName:"D",

... DepartmentId:5,

... SemesterId:5

... },

... {

... Id:6,

... SubjectName:"E",

... DepartmentId:6,

... SemesterId:6

... },

... {

... Id:7,

... SubjectName:"F",

... DepartmentId:7,

... SemesterId:7

... },

... {

... Id:8,

... SubjectName:"FS",

... DepartmentId:8,

... SemesterId:8

... },

... {

... Id:9,

... SubjectName:"FULLSTACK",

... DepartmentId:9,

... SemesterId:9

... },

... {

... Id:10,

... SubjectName:"ai",

... DepartmentId:10,

... SemesterId:10

... }

... ])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("6796f9e5df05a5862efbef3e"),

ObjectId("6796f9e5df05a5862efbef3f"),

ObjectId("6796f9e5df05a5862efbef40"),

ObjectId("6796f9e5df05a5862efbef41"),

ObjectId("6796f9e5df05a5862efbef42"),

ObjectId("6796f9e5df05a5862efbef43"),

ObjectId("6796f9e5df05a5862efbef44"),

ObjectId("6796f9e5df05a5862efbef45"),

ObjectId("6796f9e5df05a5862efbef46"),

ObjectId("6796f9e5df05a5862efbef47")

]

}

>

> SHOW COLLECTIONS;

2025-01-27T08:48:17.295+0530 E QUERY [thread1] SyntaxError: missing ; before statement @(shell):1:5

> show collections;

faculty assign subject table

faculty\_assign\_subject\_table

subject table

subject\_table

faculty\_assign\_subject\_table

> db.faculty\_assign\_subject\_table.insertMany(

... [

... {

... Id:1,

... FacultyID:"A",

... SubjectId:1

... },

... {

... Id:2,

... FacultyID:"B",

... SubjectId:2

... },

... {

... Id:3,

... FacultyID:"C",

... SubjectId:3

... },

... {

... Id:4,

... FacultyID:"D",

... SubjectId:4

... },

... {

... Id:5,

... FacultyID:"E",

... SubjectId:5

... },

... {

... Id:6,

... FacultyID:"F",

... SubjectId:6

... },

... {

... Id:7,

... FacultyID:"G",

... SubjectId:7

... },

... {

... Id:8,

... FacultyID:"H",

... SubjectId:8

... },

... {

... Id:9,

... FacultyID:"I",

... SubjectId:9

... },

... {

... Id:10,

... FacultyID:"A",

... SubjectId:10

... }

... ])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("6796fb30df05a5862efbef48"),

ObjectId("6796fb30df05a5862efbef49"),

ObjectId("6796fb30df05a5862efbef4a"),

ObjectId("6796fb30df05a5862efbef4b"),

ObjectId("6796fb30df05a5862efbef4c"),

ObjectId("6796fb30df05a5862efbef4d"),

ObjectId("6796fb30df05a5862efbef4e"),

ObjectId("6796fb30df05a5862efbef4f"),

ObjectId("6796fb30df05a5862efbef50"),

ObjectId("6796fb30df05a5862efbef51")

]

}

time\_table\_slot\_table

> db.createCollection("time\_table\_slot\_table");

{ "ok" : 1 }

> db.time\_table\_slot\_table.insertMany(

... [

... {

... Id:1,

... DepartmentId:1,

... Day:"Mon",

... TimeTableId:1,

... StudentId:1,

... FacultyAssignSubjectID:1

... },

... {

... Id:2,

... DepartmentId:2,

... Day:"Tue",

... TimeTableId:2,

... StudentId:2,

... FacultyAssignSubjectID:2

... },

... {

... Id:3,

... DepartmentId:3,

... Day:"Wed",

... TimeTableId:3,

... StudentId:3,

... FacultyAssignSubjectID:3

... },

... {

... Id:4,

... DepartmentId:4,

... Day:"Thrus",

... TimeTableId:4,

... StudentId:4,

... FacultyAssignSubjectID:4

... },

... {

... Id:5,

... DepartmentId:5,

... Day:"Frid",

... TimeTableId:5,

... StudentId:5,

... FacultyAssignSubjectID:5

... },

... {

... Id:6,

... DepartmentId:6,

... Day:"Sat",

... TimeTableId:6,

... StudentId:6,

... FacultyAssignSubjectID:6

... },

... {

... Id:7,

... DepartmentId:7,

... Day:"Sun",

... TimeTableId:7,

... StudentId:7,

... FacultyAssignSubjectID:7

... },

... {

... Id:8,

... DepartmentId:8,

... Day:"Mon",

... TimeTableId:8,

... StudentId:8,

... FacultyAssignSubjectID:8

... },

... {

... Id:9,

... DepartmentId:9,

... Day:"Tue",

... TimeTableId:9,

... StudentId:9,

... FacultyAssignSubjectID:9

... },

... {

... Id:10,

... DepartmentId:10,

... Day:"Fri",

... TimeTableId:10,

... StudentId:10,

... FacultyAssignSubjectID:10

... }

... ])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("6796fe30df05a5862efbef52"),

ObjectId("6796fe30df05a5862efbef53"),

ObjectId("6796fe30df05a5862efbef54"),

ObjectId("6796fe30df05a5862efbef55"),

ObjectId("6796fe30df05a5862efbef56"),

ObjectId("6796fe30df05a5862efbef57"),

ObjectId("6796fe30df05a5862efbef58"),

ObjectId("6796fe30df05a5862efbef59"),

ObjectId("6796fe30df05a5862efbef5a"),

ObjectId("6796fe30df05a5862efbef5b")

]

}

> db.subject\_table.find()

{ "\_id" : ObjectId("6796f9e5df05a5862efbef3e"), "Id" : 1, "SubjectName" : "Fullstack", "DepartmentId" : 1, "SemesterId" : 1 }

{ "\_id" : ObjectId("6796f9e5df05a5862efbef3f"), "Id" : 2, "SubjectName" : "A", "DepartmentId" : 2, "SemesterId" : 2 }

{ "\_id" : ObjectId("6796f9e5df05a5862efbef40"), "Id" : 3, "SubjectName" : "B", "DepartmentId" : 3, "SemesterId" : 3 }

{ "\_id" : ObjectId("6796f9e5df05a5862efbef41"), "Id" : 4, "SubjectName" : "C", "DepartmentId" : 4, "SemesterId" : 4 }

{ "\_id" : ObjectId("6796f9e5df05a5862efbef42"), "Id" : 5, "SubjectName" : "D", "DepartmentId" : 5, "SemesterId" : 5 }

{ "\_id" : ObjectId("6796f9e5df05a5862efbef43"), "Id" : 6, "SubjectName" : "E", "DepartmentId" : 6, "SemesterId" : 6 }

{ "\_id" : ObjectId("6796f9e5df05a5862efbef44"), "Id" : 7, "SubjectName" : "F", "DepartmentId" : 7, "SemesterId" : 7 }

{ "\_id" : ObjectId("6796f9e5df05a5862efbef45"), "Id" : 8, "SubjectName" : "FS", "DepartmentId" : 8, "SemesterId" : 8 }

{ "\_id" : ObjectId("6796f9e5df05a5862efbef46"), "Id" : 9, "SubjectName" : "FULLSTACK", "DepartmentId" : 9, "SemesterId" : 9 }

{ "\_id" : ObjectId("6796f9e5df05a5862efbef47"), "Id" : 10, "SubjectName" : "ai", "DepartmentId" : 10, "SemesterId" : 10 }

> db.faculty\_assign\_subject\_table.find()

{ "\_id" : ObjectId("6796fb30df05a5862efbef48"), "Id" : 1, "FacultyID" : "A", "SubjectId" : 1 }

{ "\_id" : ObjectId("6796fb30df05a5862efbef49"), "Id" : 2, "FacultyID" : "B", "SubjectId" : 2 }

{ "\_id" : ObjectId("6796fb30df05a5862efbef4a"), "Id" : 3, "FacultyID" : "C", "SubjectId" : 3 }

{ "\_id" : ObjectId("6796fb30df05a5862efbef4b"), "Id" : 4, "FacultyID" : "D", "SubjectId" : 4 }

{ "\_id" : ObjectId("6796fb30df05a5862efbef4c"), "Id" : 5, "FacultyID" : "E", "SubjectId" : 5 }

{ "\_id" : ObjectId("6796fb30df05a5862efbef4d"), "Id" : 6, "FacultyID" : "F", "SubjectId" : 6 }

{ "\_id" : ObjectId("6796fb30df05a5862efbef4e"), "Id" : 7, "FacultyID" : "G", "SubjectId" : 7 }

{ "\_id" : ObjectId("6796fb30df05a5862efbef4f"), "Id" : 8, "FacultyID" : "H", "SubjectId" : 8 }

{ "\_id" : ObjectId("6796fb30df05a5862efbef50"), "Id" : 9, "FacultyID" : "I", "SubjectId" : 9 }

{ "\_id" : ObjectId("6796fb30df05a5862efbef51"), "Id" : 10, "FacultyID" : "A", "SubjectId" : 10 }

> db.time\_table\_slot\_table.find()

{ "\_id" : ObjectId("6796fe30df05a5862efbef52"), "Id" : 1, "DepartmentId" : 1, "Day" : "Mon", "TimeTableId" : 1, "StudentId" : 1, "FacultyAssignSubjectID" : 1 }

{ "\_id" : ObjectId("6796fe30df05a5862efbef53"), "Id" : 2, "DepartmentId" : 2, "Day" : "Tue", "TimeTableId" : 2, "StudentId" : 2, "FacultyAssignSubjectID" : 2 }

{ "\_id" : ObjectId("6796fe30df05a5862efbef54"), "Id" : 3, "DepartmentId" : 3, "Day" : "Wed", "TimeTableId" : 3, "StudentId" : 3, "FacultyAssignSubjectID" : 3 }

{ "\_id" : ObjectId("6796fe30df05a5862efbef55"), "Id" : 4, "DepartmentId" : 4, "Day" : "Thrus", "TimeTableId" : 4, "StudentId" : 4, "FacultyAssignSubjectID" : 4 }

{ "\_id" : ObjectId("6796fe30df05a5862efbef56"), "Id" : 5, "DepartmentId" : 5, "Day" : "Frid", "TimeTableId" : 5, "StudentId" : 5, "FacultyAssignSubjectID" : 5 }

{ "\_id" : ObjectId("6796fe30df05a5862efbef57"), "Id" : 6, "DepartmentId" : 6, "Day" : "Sat", "TimeTableId" : 6, "StudentId" : 6, "FacultyAssignSubjectID" : 6 }

{ "\_id" : ObjectId("6796fe30df05a5862efbef58"), "Id" : 7, "DepartmentId" : 7, "Day" : "Sun", "TimeTableId" : 7, "StudentId" : 7, "FacultyAssignSubjectID" : 7 }

{ "\_id" : ObjectId("6796fe30df05a5862efbef59"), "Id" : 8, "DepartmentId" : 8, "Day" : "Mon", "TimeTableId" : 8, "StudentId" : 8, "FacultyAssignSubjectID" : 8 }

{ "\_id" : ObjectId("6796fe30df05a5862efbef5a"), "Id" : 9, "DepartmentId" : 9, "Day" : "Tue", "TimeTableId" : 9, "StudentId" : 9, "FacultyAssignSubjectID" : 9 }

{ "\_id" : ObjectId("6796fe30df05a5862efbef5b"), "Id" : 10, "DepartmentId" : 10, "Day" : "Fri", "TimeTableId" : 10, "StudentId" : 10, "FacultyAssignSubjectID" : 10 }

Student Table:

db.createCollection("student")

db.student.insertOne({ id:1, name:"Pavan", email:"pavan@gmail.com", enrollment\_number:2, department\_id:1, semester\_id:1 })

db.student.insertOne({ id:2, name:"Nesargi", email:"nesargi@gmail.com", enrollment\_number:15, department\_id:1, semester\_id:1 }

db.student.insertOne({ id:3, name:"Dinal", email:"dinal@gmail.com", enrollment\_number:28, department\_id:1, semester\_id:1 })

db.student.insertOne({ id:4, name:"Kirtan", email:"Kirtan@gmail.com", enrollment\_number:32, department\_id:1, semester\_id:1 })

db.student.insertOne({ id:5, name:"Jay", email:"jay@gmail.com", enrollment\_number:48, department\_id:1, semester\_id:1 })

db.student.insertOne({ id:6, name:"Sahil", email:"sahil@gmail.com", enrollment\_number:52, department\_id:1, semester\_id:1 })

db.student.insertOne({ id:7, name:"Jaynil", email:"jaynil@gmail.com", enrollment\_number:60, department\_id:1, semester\_id:1 })

db.student.insertOne({ id:8, name:"Parth", email:"parth@gmail.com", enrollment\_number:66, department\_id:1, semester\_id:1 })

db.student.insertOne({ id:9, name:"Ekta", email:"ekta@gmail.com", enrollment\_number:70, department\_id:1, semester\_id:1 })

db.student.insertOne({ id:10, name:"Megha", email:"megha@gmail.com", enrollment\_number:77, department\_id:1, semester\_id:1 }

db.student.find();

{ "\_id" : ObjectId("6796fc744f0f17f7e0e2454d"), "id" : 1, "name" : "Pavan", "email" : "pavan@gmail.com", "enrollment\_number" : 2, "

{ "\_id" : ObjectId("6796fcb74f0f17f7e0e2454e"), "id" : 2, "name" : "Nesargi", "email" : "nesargi@gmail.com", "enrollment\_number" : 1

{ "\_id" : ObjectId("6796fcca4f0f17f7e0e2454f"), "id" : 3, "name" : "Dinal", "email" : "dinal@gmail.com", "enrollment\_number" : 28, "de

{ "\_id" : ObjectId("6796fd474f0f17f7e0e24550"), "id" : 4, "name" : "Kirtan", "email" : "Kirtan@gmail.com", "enrollment\_number" : 32,

{ "\_id" : ObjectId("6796fd624f0f17f7e0e24551"), "id" : 5, "name" : "Jay", "email" : "jay@gmail.com", "enrollment\_number" : 48, "depa

{ "\_id" : ObjectId("6796fd754f0f17f7e0e24552"), "id" : 6, "name" : "Sahil", "email" : "sahil@gmail.com", "enrollment\_number" : 52, "d

{ "\_id" : ObjectId("6796fd8d4f0f17f7e0e24553"), "id" : 7, "name" : "Jaynil", "email" : "jaynil@gmail.com", "enrollment\_number" : 60, "

{ "\_id" : ObjectId("6796fda44f0f17f7e0e24554"), "id" : 8, "name" : "Parth", "email" : "parth@gmail.com", "enrollment\_number" : 66, "d

{ "\_id" : ObjectId("6796fdbf4f0f17f7e0e24555"), "id" : 9, "name" : "Ekta", "email" : "ekta@gmail.com", "enrollment\_number" : 70, "de

{ "\_id" : ObjectId("6796fdda4f0f17f7e0e24556"), "id" : 10, "name" : "Megha", "email" : "megha@gmail.com", "enrollment\_number" : 7

Faculty Table:

db.createCollection("faculty")

db.faculty.insertOne({id:1, name:"ABC", department\_id:1})

db.faculty.insertOne({id:2, name:"ABC", department\_id:1})

db.faculty.insertOne({id:3, name:"ABC", department\_id:1})

db.faculty.insertOne({id:4, name:"ABC", department\_id:1})

db.faculty.insertOne({id:5, name:"ABC", department\_id:1})

db.faculty.insertOne({id:6, name:"ABC", department\_id:1})

db.faculty.insertOne({id:7, name:"ABC", department\_id:1})

db.faculty.insertOne({id:8, name:"ABC", department\_id:1})

db.faculty.insertOne({id:9, name:"ABC", department\_id:1})

db.faculty.insertOne({id:10, name:"ABC", department\_id:1})

db.faculty.find()

{ "\_id" : ObjectId("6796ff494f0f17f7e0e24557"), "id" : 1, "name" : "ABC", "department\_id" : 1 }

{ "\_id" : ObjectId("6796ff4e4f0f17f7e0e24558"), "id" : 2, "name" : "ABC", "department\_id" : 1 }

{ "\_id" : ObjectId("6796ff514f0f17f7e0e24559"), "id" : 3, "name" : "ABC", "department\_id" : 1 }

{ "\_id" : ObjectId("6796ff554f0f17f7e0e2455a"), "id" : 4, "name" : "ABC", "department\_id" : 1 }

{ "\_id" : ObjectId("6796ff594f0f17f7e0e2455b"), "id" : 5, "name" : "ABC", "department\_id" : 1 }

{ "\_id" : ObjectId("6796ff5c4f0f17f7e0e2455c"), "id" : 6, "name" : "ABC", "department\_id" : 1 }

{ "\_id" : ObjectId("6796ff614f0f17f7e0e2455d"), "id" : 7, "name" : "ABC", "department\_id" : 1 }

{ "\_id" : ObjectId("6796ff664f0f17f7e0e2455e"), "id" : 8, "name" : "ABC", "department\_id" : 1 }

{ "\_id" : ObjectId("6796ff6a4f0f17f7e0e2455f"), "id" : 9, "name" : "ABC", "department\_id" : 1 }

{ "\_id" : ObjectId("6796ff714f0f17f7e0e24560"), "id" : 10, "name" : "ABC", "department\_id" : 1 }

>