1. Create new database named: FacultySystemV2.
    • Create student collection that has (FirstName, lastName, IsFired, FacultyID, array of objects, each object has CourseID, grade).
    • Create Faculty collection that has (Faculty Name, Address).
    • Create Course collection, which has (Course Name, Final Mark).
    • Insert some data in previous collections.

2. Display each student Full Name along with his average grade in all courses. $concat

3. Using aggregation display the sum of final mark for all courses in Course collection.

4. Implement (one to many) relation between Student and Course, by adding array of Courses IDs in the student object.
    • Select specific student with his name, and then display his courses.

4.Implement relation between Student and faculty by adding the faculty object in the student using _id Relation using $Lookup.

    • Select specific student with his name, and then display his faculty