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| 5 | 1. Write an aggregation query to find the highest score achieved by any restaurant in each cuisine |
|  | db.restaurants.aggregate([  { $unwind: "$grades" },  {  $group: {  \_id: "$cuisine",  highestScore: { $max: "$grades.score" }  }  }  ]) |
|  | 1. Write a MongoDB query to find the restaurant with the most recent grade date. |
|  | db.restaurants.find().sort({ "grades.date": -1 }).limit(1) |
|  | 1. Write a MongoDB query to find the restaurant that has the highest average score for the cuisine "Turkish". |
|  | db.restaurants.aggregate([ { $match: { cuisine: "Turkish" } }, { $unwind: "$grades" }, { $group: { \_id: "$restaurant\_id", name: { $first: "$name" }, avgScore: { $avg: "$grades.score" } } }, { $sort: { avgScore: -1 } }, { $limit: 1 } ]) |
|  | 1. Construct a query to delete all restaurants located in a city with a population of less than 100,000 ( insert relevant data as required) |
|  | db.restaurants.insertMany([  {  "address": {  "building": "100",  "coord": [77.594566, 12.971599],  "street": "MG Road",  "zipcode": "560001"  },  "borough": "Bangalore",  "cuisine": "Indian",  "grades": [  {"date": {"$date": 1609459200000}, "grade": "A", "score": 8},  {"date": {"$date": 1590960000000}, "grade": "B", "score": 14}  ],  "name": "Bangalore Bistro",  "restaurant\_id": "60012345",  "population": 95000  },  {  "address": {  "building": "50",  "coord": [76.931381, 30.733314],  "street": "Sector 17",  "zipcode": "160017"  },  "borough": "Chandigarh",  "cuisine": "North Indian",  "grades": [  {"date": {"$date": 1609459200000}, "grade": "A", "score": 9},  {"date": {"$date": 1590960000000}, "grade": "B", "score": 16}  ],  "name": "Chandigarh Kitchen",  "restaurant\_id": "60012346",  "population": 95000  },  {  "address": {  "building": "300",  "coord": [77.04148, 28.613939],  "street": "Connaught Place",  "zipcode": "110001"  },  "borough": "Delhi",  "cuisine": "Indian",  "grades": [  {"date": {"$date": 1609459200000}, "grade": "A", "score": 7},  {"date": {"$date": 1590960000000}, "grade": "A", "score": 12}  ],  "name": "Delhi Delights",  "restaurant\_id": "60012347",  "population": 95000  }  ]); |
|  | db.restaurants.updateOne(  { "borough": "Chandigarh" },  { $set: { "population": 20000000 } }  ); |
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