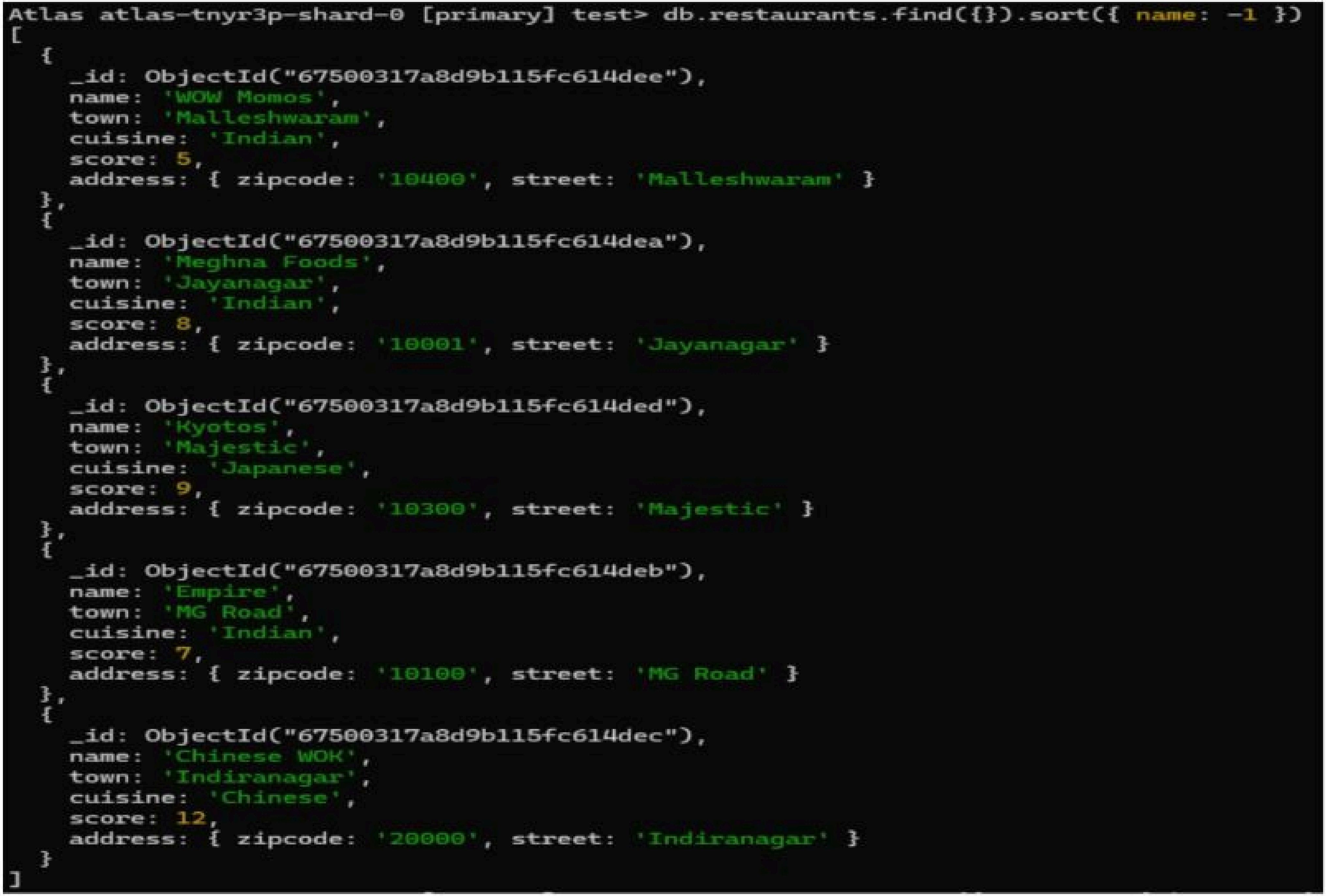
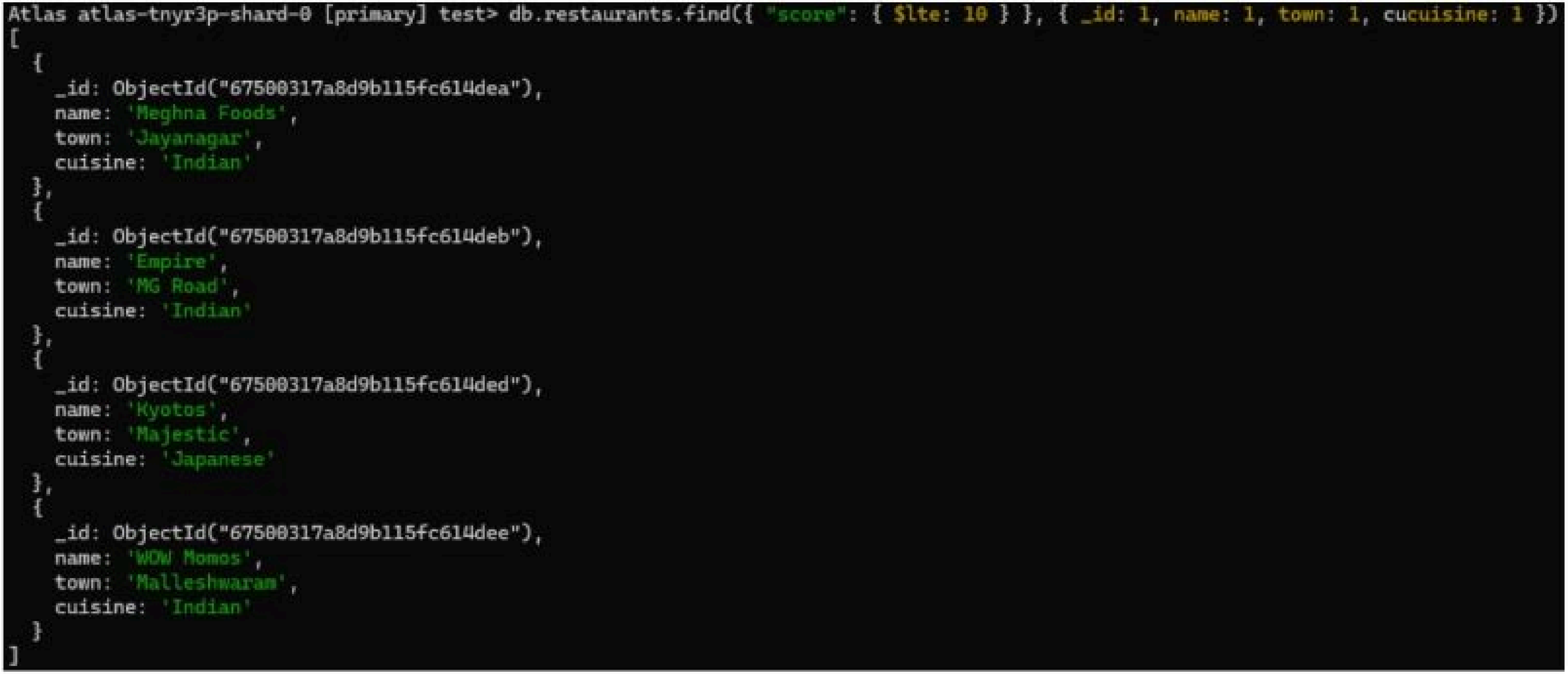


```
Atlas atlas-tnyr3p-shard-0 [primary] test> db.restaurants.find({}).sort({ name: -1 })
[
  {
    _id: ObjectId("67500317a8d9b115fc614dee"),
    name: 'WOW Momos',
    town: 'Malleshwaram',
    cuisine: 'Indian',
    score: 5,
    address: { zipcode: '10400', street: 'Malleshwaram' }
  },
  {
    _id: ObjectId("67500317a8d9b115fc614dea"),
    name: 'Meghna Foods',
    town: 'Jayanagar',
    cuisine: 'Indian',
    score: 8,
    address: { zipcode: '10001', street: 'Jayanagar' }
  },
  {
    _id: ObjectId("67500317a8d9b115fc614ded"),
    name: 'Kyotos',
    town: 'Majestic',
    cuisine: 'Japanese',
    score: 9,
    address: { zipcode: '10300', street: 'Majestic' }
  },
  {
    _id: ObjectId("67500317a8d9b115fc614deb"),
    name: 'Empire',
    town: 'MG Road',
    cuisine: 'Indian',
    score: 7,
    address: { zipcode: '10100', street: 'MG Road' }
  },
  {
    _id: ObjectId("67500317a8d9b115fc614dec"),
    name: 'Chinese WOK',
    town: 'Indiranagar',
    cuisine: 'Chinese',
    score: 12,
    address: { zipcode: '20000', street: 'Indiranagar' }
  }
]
```

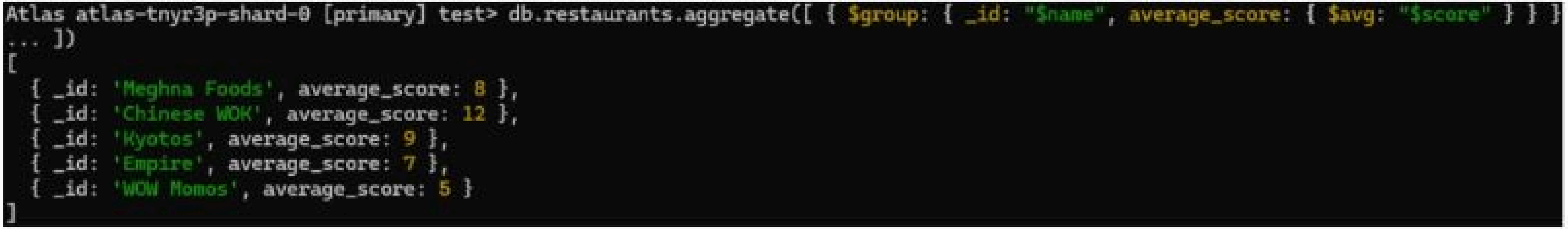
2. Write a MongoDB query to find the restaurant Id, name, town and cuisine for those restaurants which achieved a score which is not more than 10.

db.restaurants.find({ "score": { $lte: 10 } }, { _id: 1, name: 1, town: 1, cuisine: 1 })



```
Atlas atlas-tnyr3p-shard-0 [primary] test> db.restaurants.find({ "score": { $lte: 10 } }, { _id: 1, name: 1, town: 1, cucuisine: 1 })
[
  {
    _id: ObjectId("67500317a8d9b115fc614dea"),
    name: 'Meghna Foods',
    town: 'Jayanagar',
    cuisine: 'Indian'
  },
  {
    _id: ObjectId("67500317a8d9b115fc614deb"),
    name: 'Empire',
    town: 'MG Road',
    cuisine: 'Indian'
  },
  {
    _id: ObjectId("67500317a8d9b115fc614ded"),
    name: 'Kyotos',
    town: 'Majestic',
    cuisine: 'Japanese'
  },
  {
    _id: ObjectId("67500317a8d9b115fc614dee"),
    name: 'WOW Momos',
    town: 'Malleshwaram',
    cuisine: 'Indian'
  }
]
```

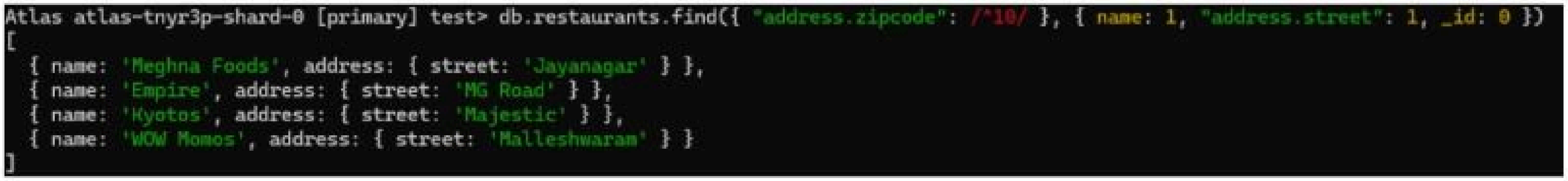
3. **Write a MongoDB query to find the average score for each restaurant.**
   db.restaurants.aggregate([{ $group: { _id: "$name", average_score: { $avg: "$score" } } }])



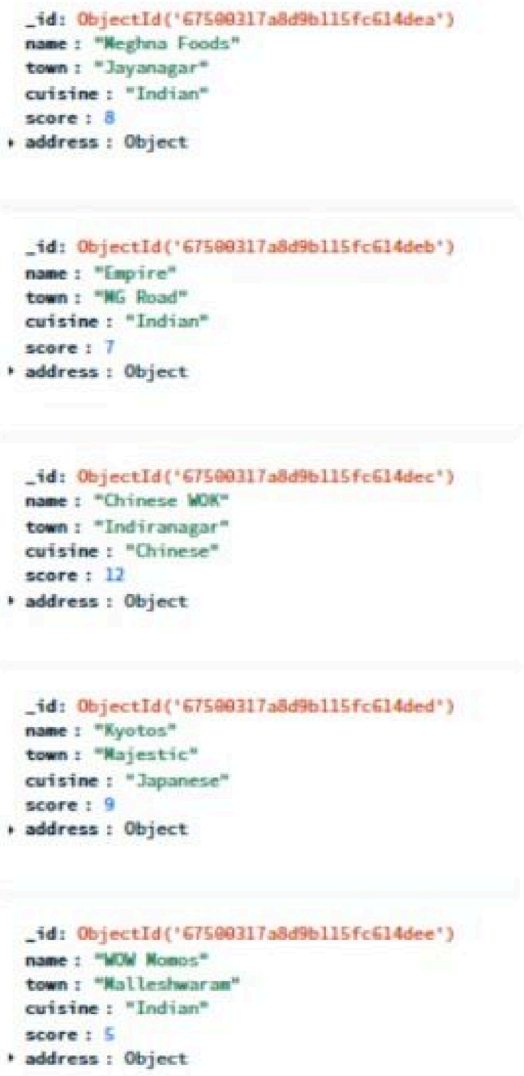
```
Atlas atlas-tnyr3p-shard-0 [primary] test> db.restaurants.aggregate([ { $group: { _id: "$name", average_score: { $avg: "$score" } } }
... ])
[
  { _id: 'Meghna Foods', average_score: 8 },
  { _id: 'Chinese WOK', average_score: 12 },
  { _id: 'Kyotos', average_score: 9 },
  { _id: 'Empire', average_score: 7 },
  { _id: 'WOW Momos', average_score: 5 }
]
```

4. Write a MongoDB query to find the name and address of the restaurants that have a zipcode that starts with '10'.

db.restaurants.find({ "address.zipcode": /^10/ }, { name: 1, "address.street": 1, _id: 0 })



```
Atlas atlas-tnyr3p-shard-0 [primary] test> db.restaurants.find({ "address.zipcode": /^10/ }, { name: 1, "address.street": 1, _id: 0 })
[
  { name: 'Meghna Foods', address: { street: 'Jayanagar' } },
  { name: 'Empire', address: { street: 'MG Road' } },
  { name: 'Kyotos', address: { street: 'Majestic' } },
  { name: 'WOW Momos', address: { street: 'Malleshwaram' } }
]
```



```
_id: ObjectId('67500317a8d9b115fc614dea')
name : "Meghna Foods"
town : "Jayanagar"
cuisine : "Indian"
score : 8
▸ address : Object

_id: ObjectId('67500317a8d9b115fc614deb')
name : "Empire"
town : "MG Road"
cuisine : "Indian"
score : 7
▸ address : Object

_id: ObjectId('67500317a8d9b115fc614dec')
name : "Chinese WOK"
town : "Indiranagar"
cuisine : "Chinese"
score : 12
▸ address : Object

_id: ObjectId('67500317a8d9b115fc614ded')
name : "Kyotos"
town : "Majestic"
cuisine : "Japanese"
score : 9
▸ address : Object

_id: ObjectId('67500317a8d9b115fc614dee')
name : "WOW Momos"
town : "Malleshwaram"
cuisine : "Indian"
score : 5
▸ address : Object
```