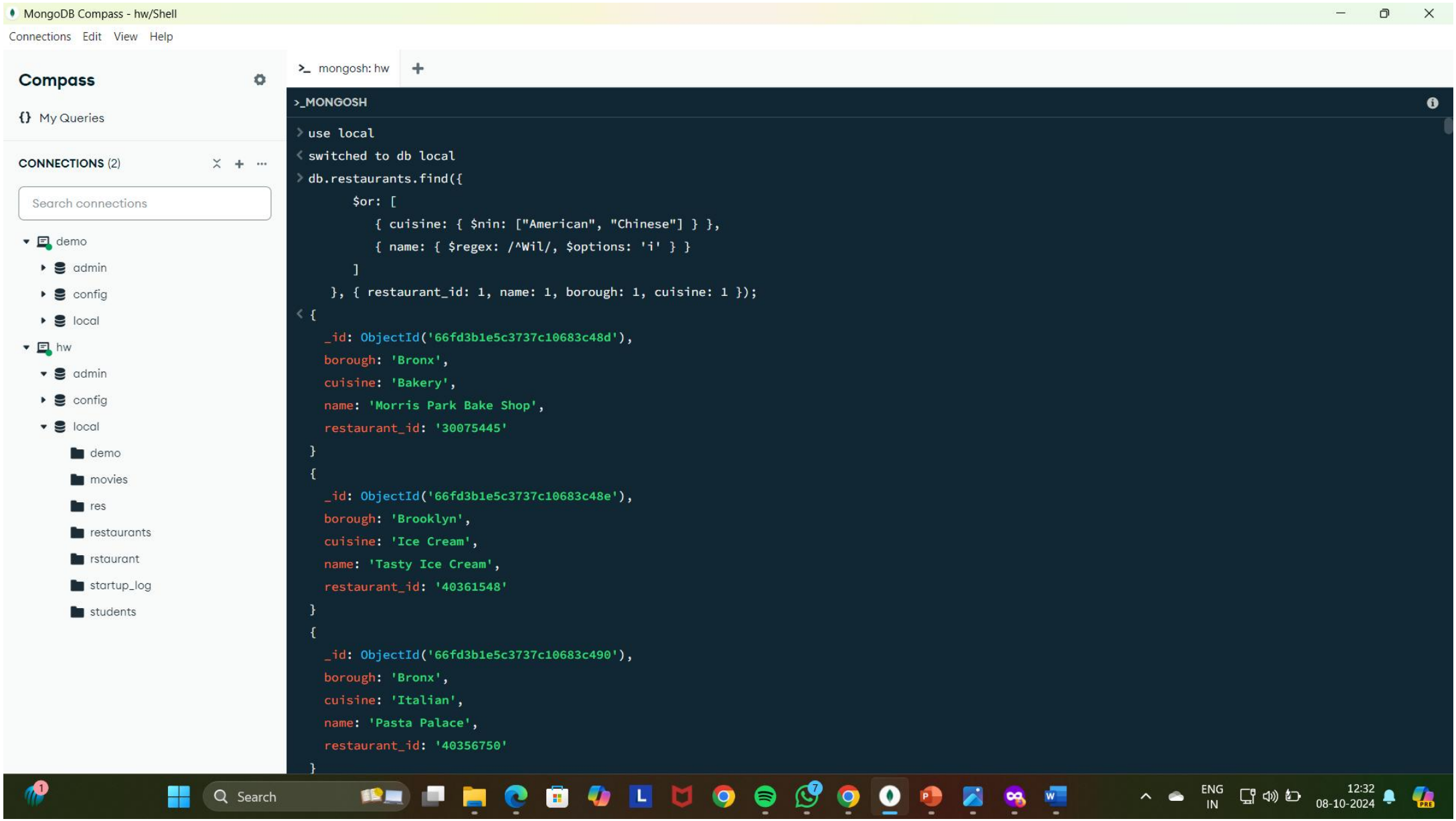
MongoDB Compass - hw/Shell
Connections Edit View Help
Compass
My Queries
CONNECTIONS (2)
Search connections
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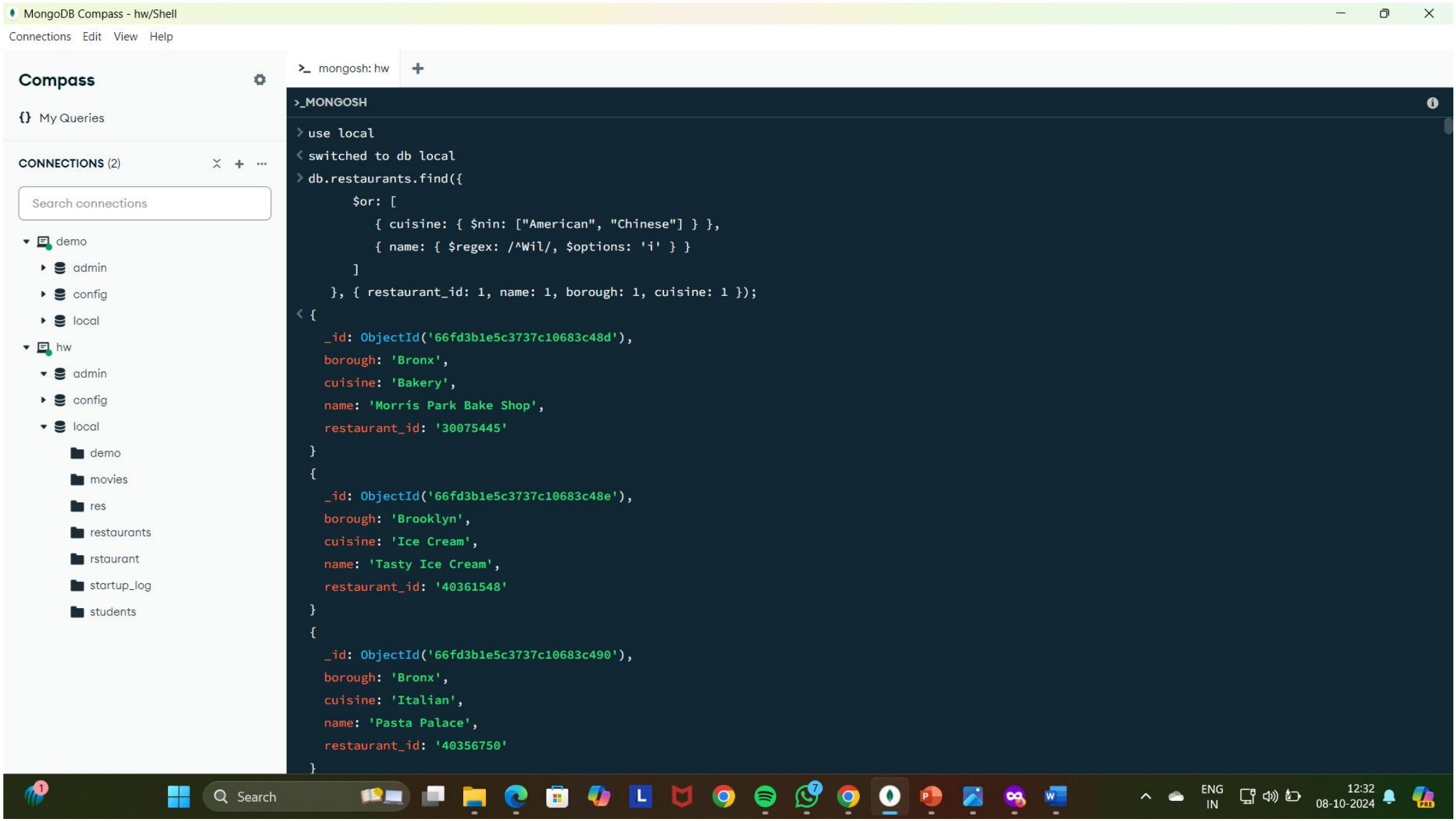
mongosh: hw
>_MONGOSH
> use local
< switched to db local
> db.restaurants.find({
$or: [
{ cuisine: { $nin: ["American", "Chinese"] } },
{ name: { $regex: /^Wil/, $options: 'i' } }
]
}, { restaurant_id: 1, name: 1, borough: 1, cuisine: 1 });
< {
_id: ObjectId('66fd3b1e5c3737c10683c48d'),
borough: 'Bronx',
cuisine: 'Bakery',
name: 'Morris Park Bake Shop',
restaurant_id: '30075445'
}
{
_id: ObjectId('66fd3b1e5c3737c10683c48e'),
borough: 'Brooklyn',
cuisine: 'Ice Cream',
name: 'Tasty Ice Cream',
restaurant_id: '40361548'
}
{
_id: ObjectId('66fd3b1e5c3737c10683c490'),
borough: 'Bronx',
cuisine: 'Italian',
name: 'Pasta Palace',
restaurant_id: '40356750'
}
Search
ENG
IN
12:32
08-10-2024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< {
_id: ObjectId('66fd3b1e5c3737c10683c48d'),
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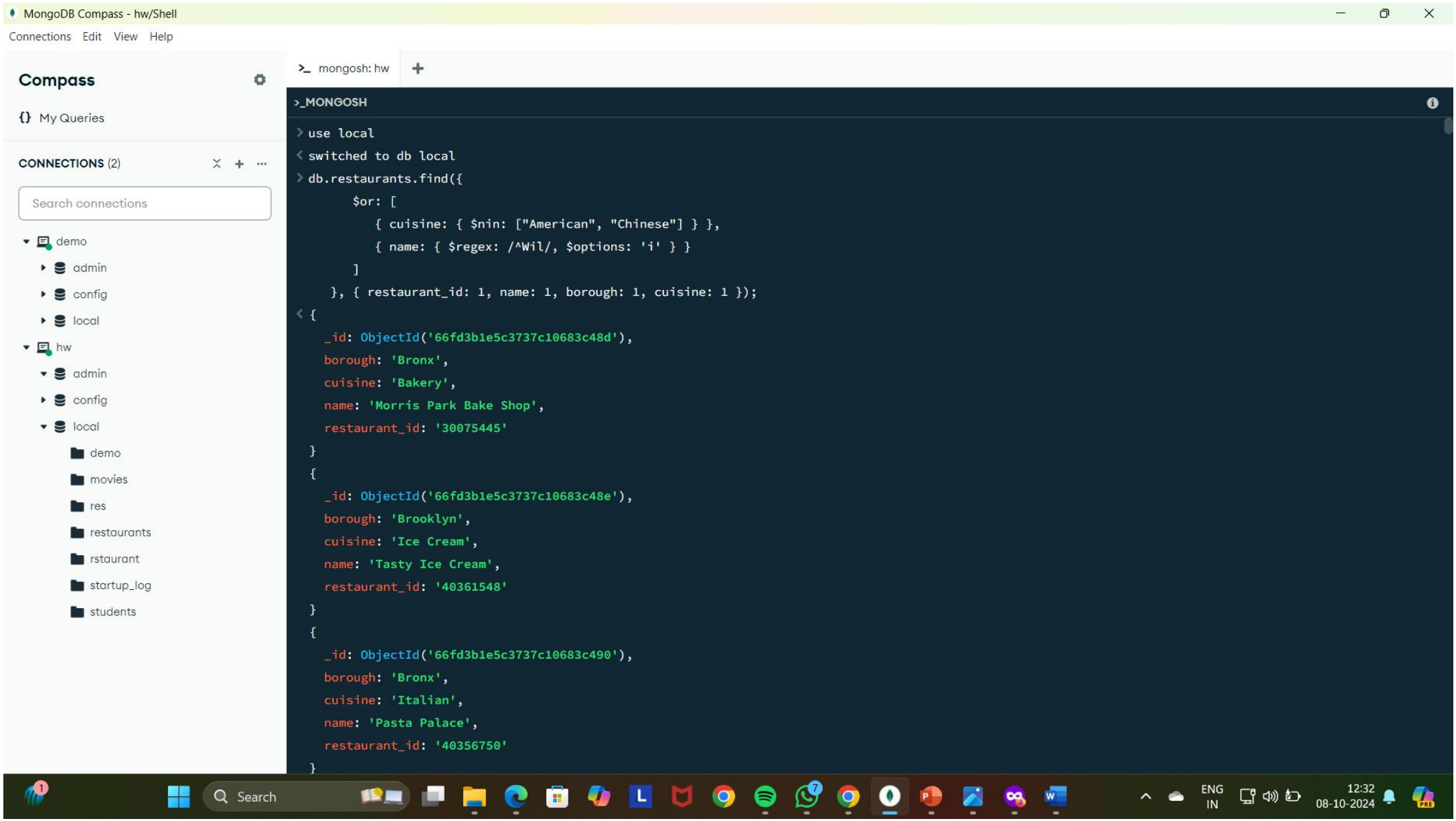
name: 'Morris Park Bake Shop',
restaurant_id: '30075445'
}
{
_id: ObjectId('66fd3b1e5c3737c10683c48e'),
borough: 'Brooklyn',
cuisine: 'Ice Cream',
name: 'Tasty Ice Cream',
restaurant_id: '40361548'
}
{
_id: ObjectId('66fd3b1e5c3737c10683c490'),
borough: 'Bronx',
cuisine: 'Italian',
name: 'Pasta Palace',
restaurant_id: '40356750'
}
Search
ENG
IN
12:32
08-10-2024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]
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name: 'Morris Park Bake Shop',
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}
{
_id: ObjectId('66fd3b1e5c3737c10683c48e'),
borough: 'Brooklyn',
cuisine: 'Ice Cream',
name: 'Tasty Ice Cream',
restaurant_id: '40361548'
}
{
_id: ObjectId('66fd3b1e5c3737c10683c490'),
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cuisine: 'Italian',
name: 'Pasta Palace',
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}
Search
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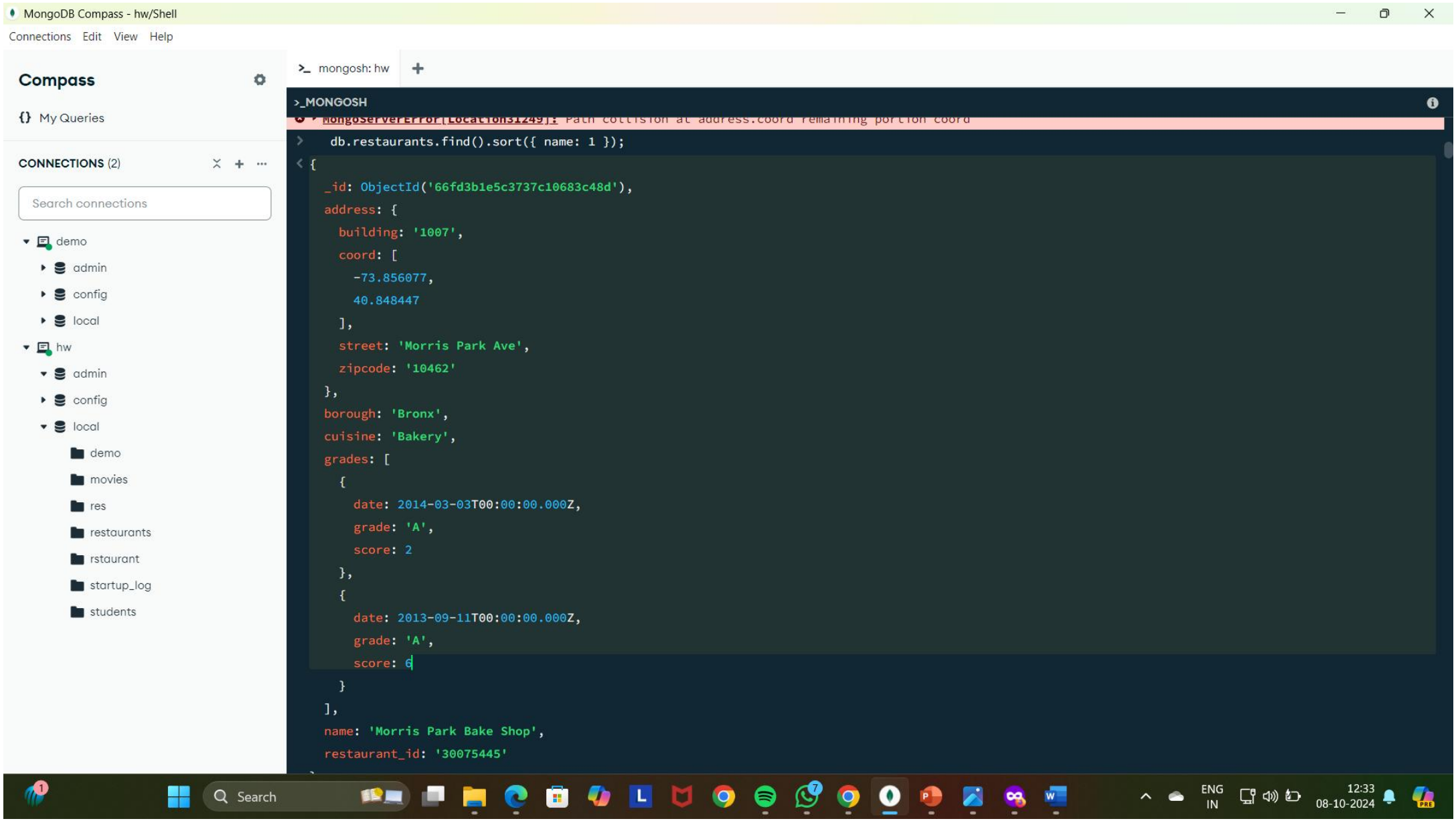
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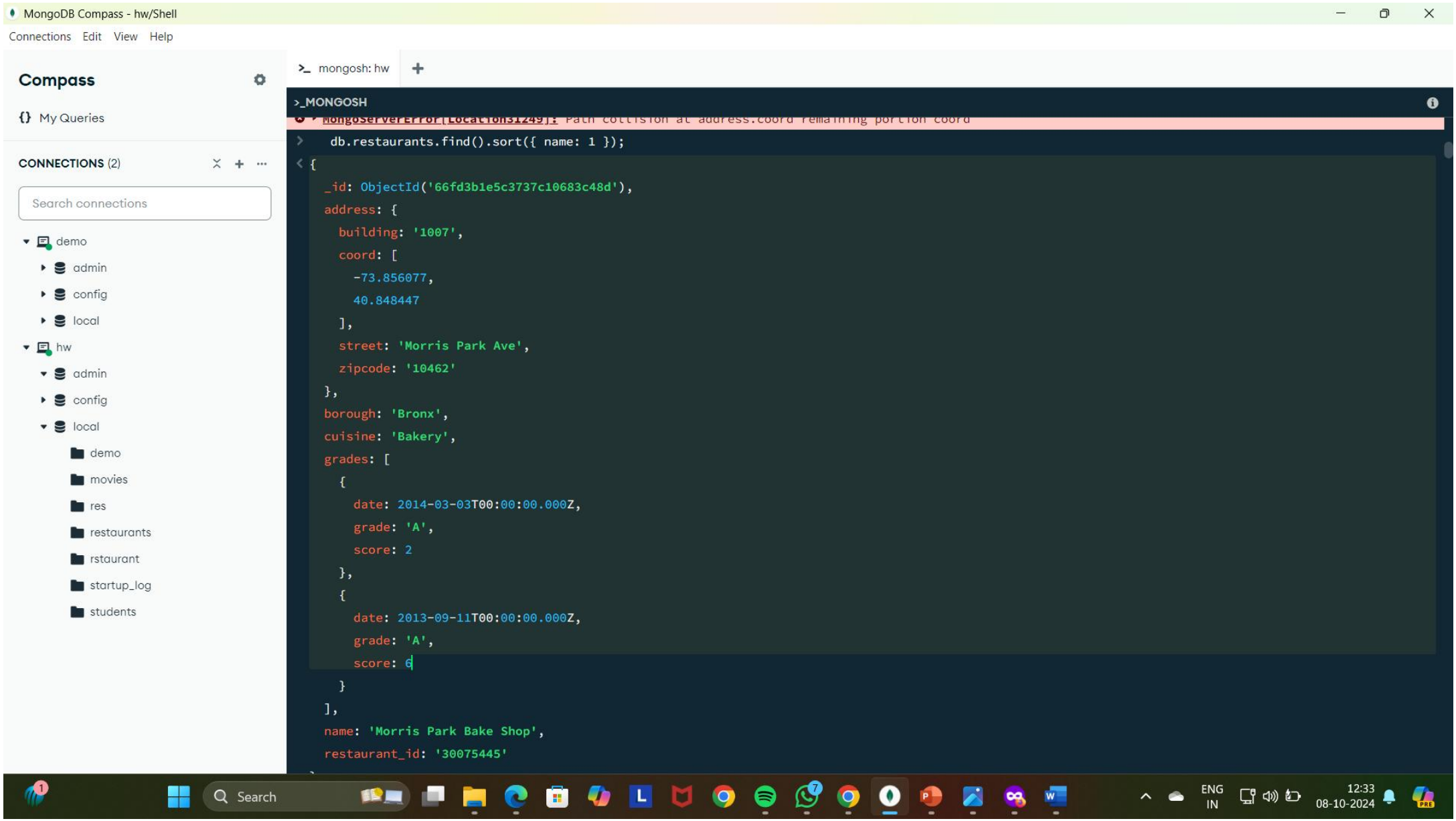
mongosh: hw
>_MONGOSH
MongoServerError[Location31249]: Path collision at address.coord remaining portion coord
db.restaurants.find().sort({ name: 1 });
{
_id: ObjectId('66fd3b1e5c3737c10683c48d'),
address: {
building: '1007',
coord: [
-73.856077,
40.848447
],
street: 'Morris Park Ave',
zipcode: '10462'
},
borough: 'Bronx',
cuisine: 'Bakery',
grades: [
{
date: 2014-03-03T00:00:00.000Z,
grade: 'A',
score: 2
},
{
date: 2013-09-11T00:00:00.000Z,
grade: 'A',
score: 6
}
],
name: 'Morris Park Bake Shop',
restaurant_id: '30075445'
Search
ENG
IN
12:33
08-10-2024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],
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borough: 'Bronx',
cuisine: 'Bakery',
grades: [
{
date: 2014-03-03T00:00:00.000Z,
grade: 'A',
score: 2
},
{
date: 2013-09-11T00:00:00.000Z,
grade: 'A',
score: 6
}
],
name: 'Morris Park Bake Shop',
restaurant_id: '30075445'
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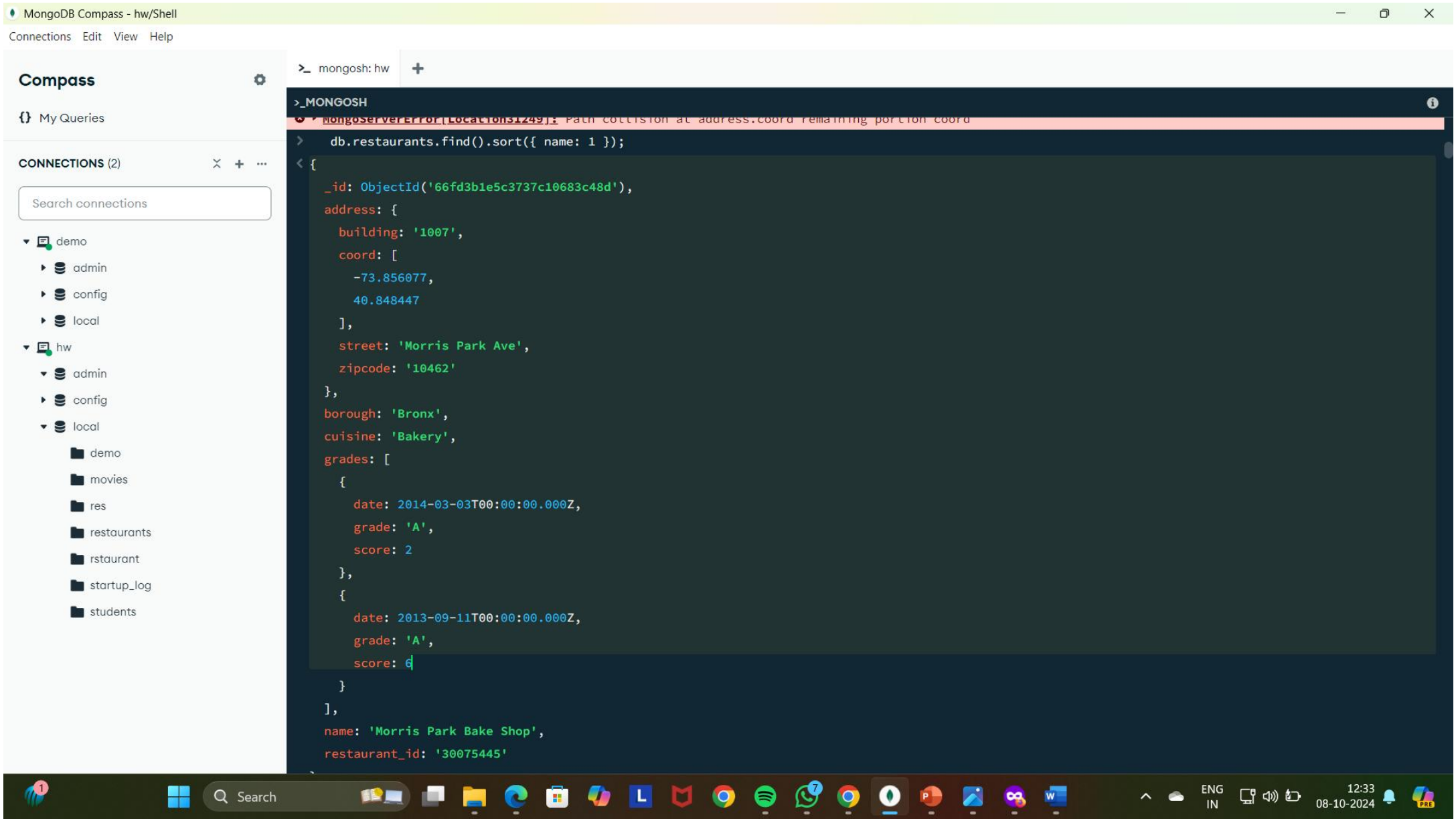
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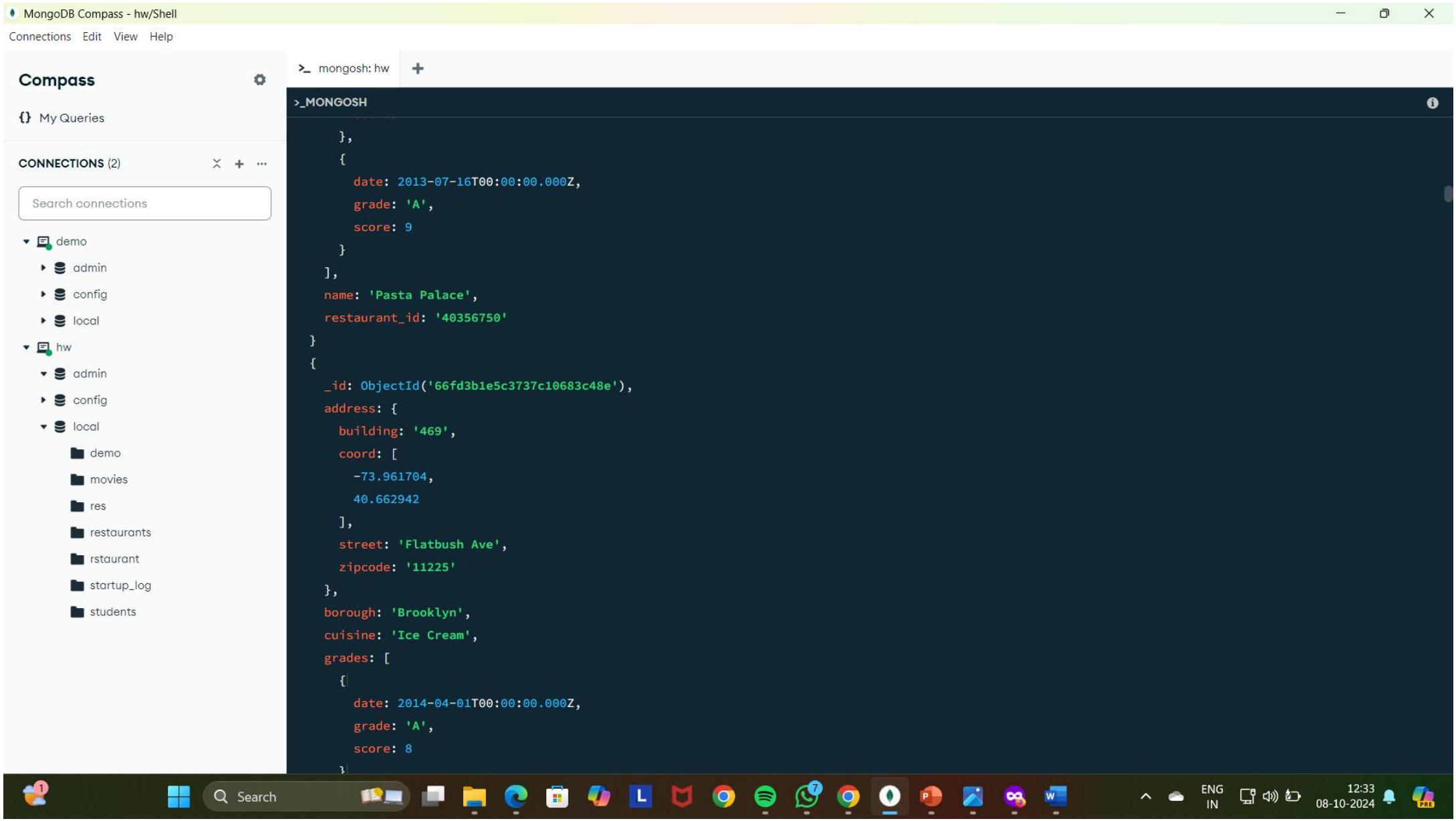
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},
{
date: 2013-07-16T00:00:00.000Z,
grade: 'A',
score: 9
}
],
name: 'Pasta Palace',
restaurant_id: '40356750'
}
{
_id: ObjectId('66fd3b1e5c3737c10683c48e'),
address: {
building: '469',
coord: [
-73.961704,
40.662942
],
street: 'Flatbush Ave',
zipcode: '11225'
},
borough: 'Brooklyn',
cuisine: 'Ice Cream',
grades: [
{
date: 2014-04-01T00:00:00.000Z,
grade: 'A',
score: 8
Search
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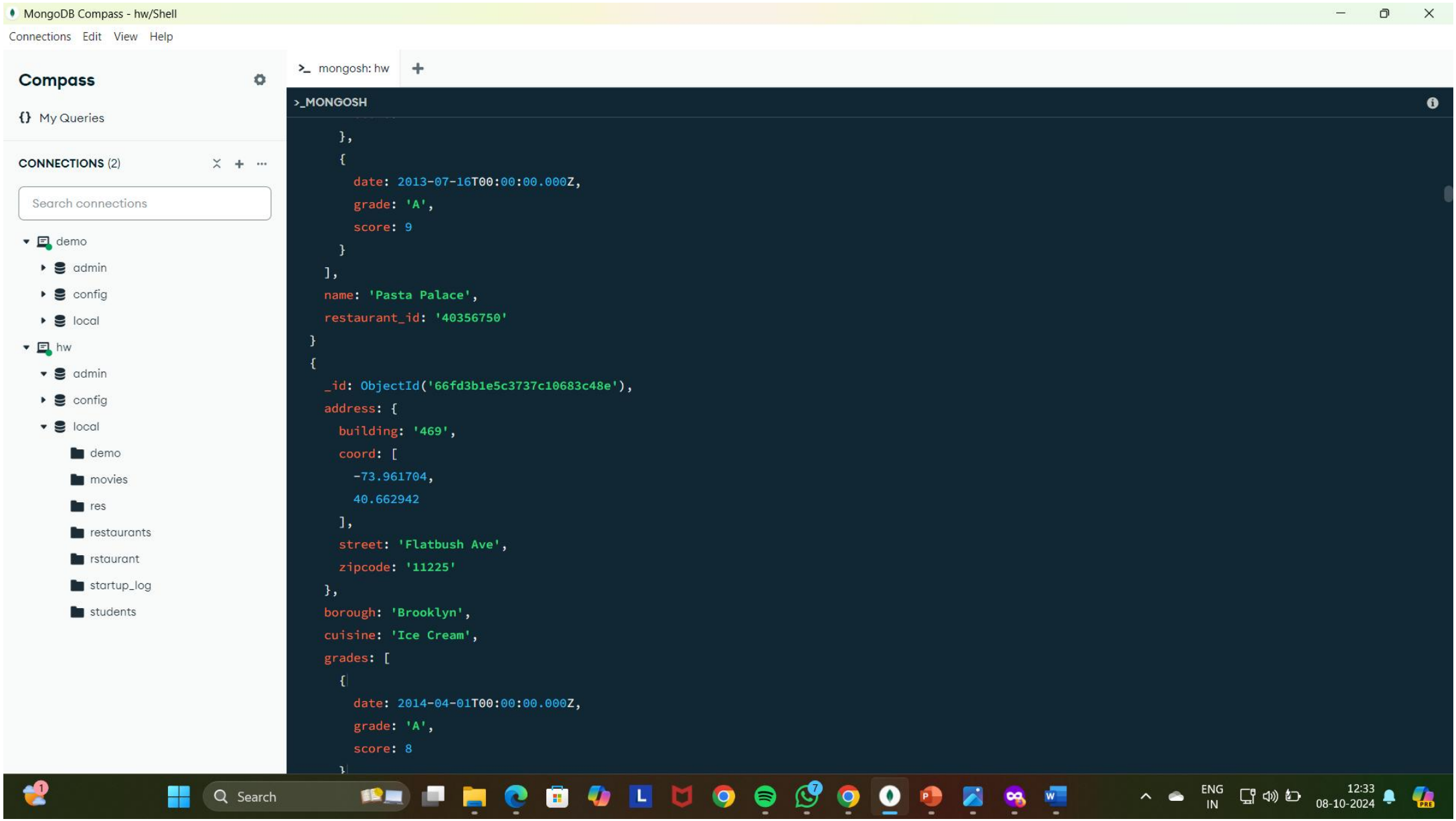
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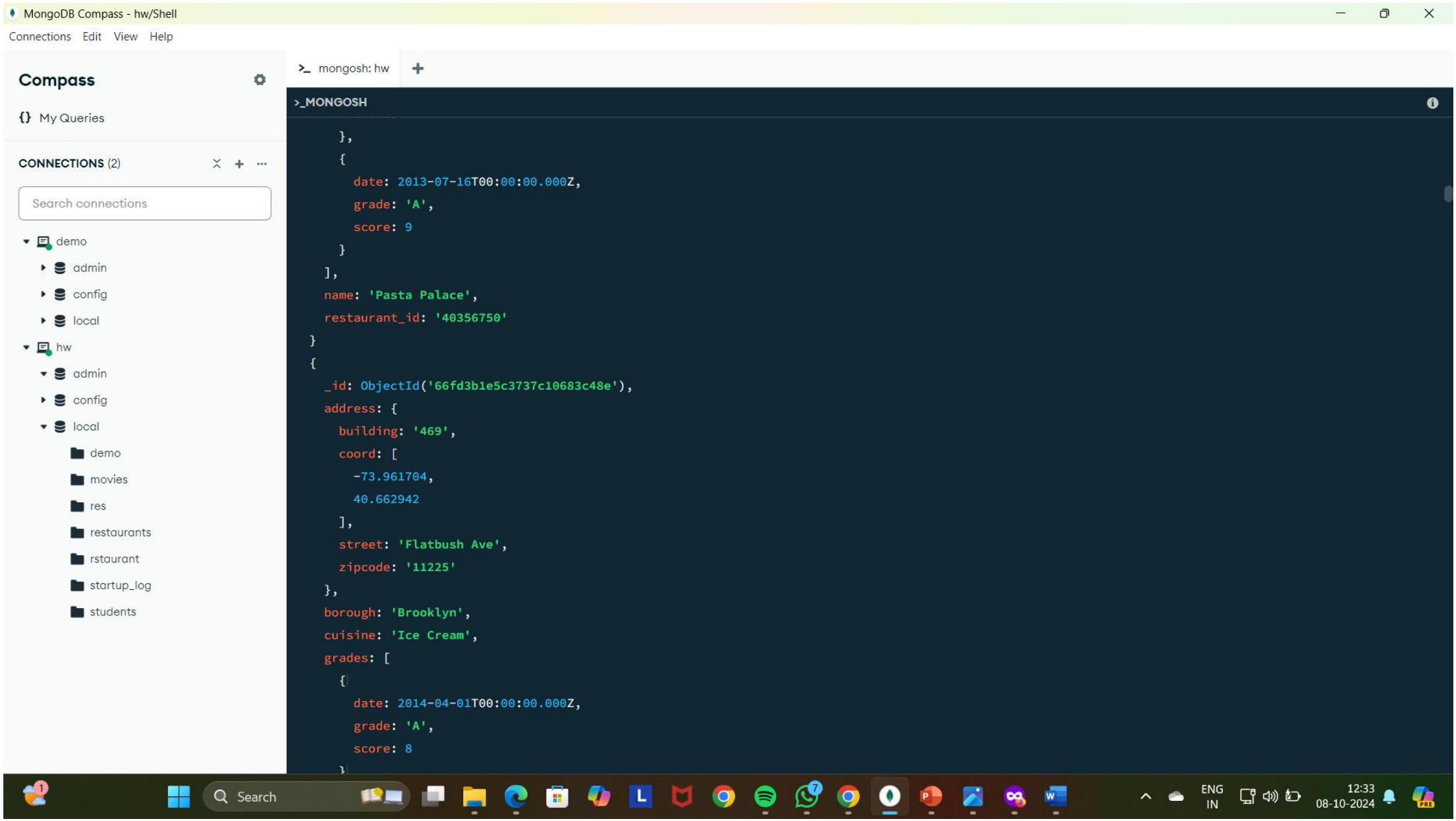
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],
name: 'Pasta Palace',
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_id: ObjectId('66fd3b1e5c3737c10683c48e'),
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street: 'Flatbush Ave',
zipcode: '11225'
},
borough: 'Brooklyn',
cuisine: 'Ice Cream',
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date: 2014-04-01T00:00:00.000Z,
grade: 'A',
score: 8
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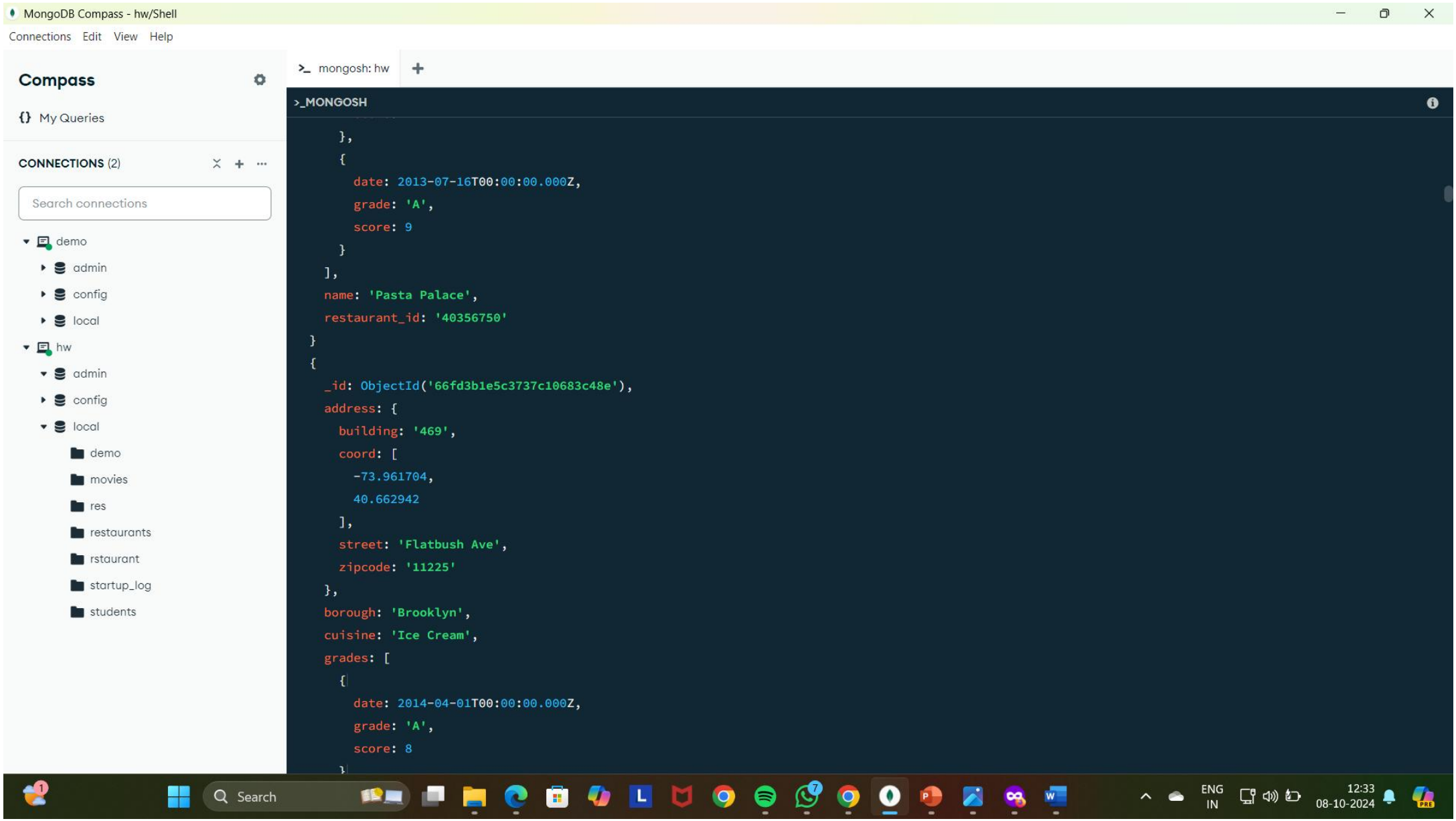
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street: 'Flatbush Ave',
zipcode: '11225'
},
borough: 'Brooklyn',
cuisine: 'Ice Cream',
grades: [
{
date: 2014-04-01T00:00:00.000Z,
grade: 'A',
score: 8
Search
ENG
IN
12:33
08-10-2024

```
}
> db.restaurants.find().sort({ cuisine: 1, borough: -1 });
< {
  _id: ObjectId('66fd3b1e5c3737c10683c48f'),
  address: {
    building: '1623',
    coord: [
      -73.982419,
      40.579505
    ],
    street: 'Stillwell Ave',
    zipcode: '11224'
  },
  borough: 'Brooklyn',
  cuisine: 'American',
  grades: [
    {
      date: 2014-05-02T00:00:00.000Z,
      grade: 'B',
      score: 14
    },
    {
      date: 2013-08-02T00:00:00.000Z,
      grade: 'A',
      score: 10
    }
  ],
```

```
}
> db.restaurants.find().sort({ cuisine: 1, borough: -1 });
< {
  _id: ObjectId('66fd3b1e5c3737c10683c48f'),
  address: {
    building: '1623',
    coord: [
      -73.982419,
      40.579505
    ],
    street: 'Stillwell Ave',
    zipcode: '11224'
  },
  borough: 'Brooklyn',
  cuisine: 'American',
  grades: [
    {
      date: 2014-05-02T00:00:00.000Z,
      grade: 'B',
      score: 14
    },
    {
      date: 2013-08-02T00:00:00.000Z,
      grade: 'A',
      score: 10
    }
  ],
```

```
}
> db.restaurants.find().sort({ cuisine: 1, borough: -1 });
< {
  _id: ObjectId('66fd3b1e5c3737c10683c48f'),
  address: {
    building: '1623',
    coord: [
      -73.982419,
      40.579505
    ],
    street: 'Stillwell Ave',
    zipcode: '11224'
  },
  borough: 'Brooklyn',
  cuisine: 'American',
  grades: [
    {
      date: 2014-05-02T00:00:00.000Z,
      grade: 'B',
      score: 14
    },
    {
      date: 2013-08-02T00:00:00.000Z,
      grade: 'A',
      score: 10
    }
  ],
```

```
db.restaurants.find({ "address.street": { $exists: true } });
{
  _id: ObjectId('66fd3b1e5c3737c10683c48d'),
  address: {
    building: '1007',
    coord: [
      -73.856077,
      40.848447
    ],
    street: 'Morris Park Ave',
    zipcode: '10462'
  },
  borough: 'Bronx',
  cuisine: 'Bakery',
  grades: [
    {
      date: 2014-03-03T00:00:00.000Z,
      grade: 'A',
      score: 2
    },
    {
      date: 2013-09-11T00:00:00.000Z,
      grade: 'A',
      score: 6
```

```
db.restaurants.find({ "address.street": { $exists: true } });
{
  _id: ObjectId('66fd3b1e5c3737c10683c48d'),
  address: {
    building: '1007',
    coord: [
      -73.856077,
      40.848447
    ],
    street: 'Morris Park Ave',
    zipcode: '10462'
  },
  borough: 'Bronx',
  cuisine: 'Bakery',
  grades: [
    {
      date: 2014-03-03T00:00:00.000Z,
      grade: 'A',
      score: 2
    },
    {
      date: 2013-09-11T00:00:00.000Z,
      grade: 'A',
      score: 6
```

```
{
  _id: ObjectId('66fd3b1e5c3737c10683c48e'),
  address: {
    building: '469',
    coord: [
      -73.961704,
      40.662942
    ],
    street: 'Flatbush Ave',
    zipcode: '11225'
  },
  borough: 'Brooklyn',
  cuisine: 'Ice Cream',
  grades: [
    {
      date: 2014-04-01T00:00:00.000Z,
      grade: 'A',
      score: 8
    }
  ],
  name: 'Tasty Ice Cream',
  restaurant_id: '40361548'
}
{
  _id: ObjectId('66fd3b1e5c3737c10683c48f'),
  address: {
    building: '1623',
    coord: [
```

```
{
  _id: ObjectId('66fd3b1e5c3737c10683c48e'),
  address: {
    building: '469',
    coord: [
      -73.961704,
      40.662942
    ],
    street: 'Flatbush Ave',
    zipcode: '11225'
  },
  borough: 'Brooklyn',
  cuisine: 'Ice Cream',
  grades: [
    {
      date: 2014-04-01T00:00:00.000Z,
      grade: 'A',
      score: 8
    }
  ],
  name: 'Tasty Ice Cream',
  restaurant_id: '40361548'
}
{
  _id: ObjectId('66fd3b1e5c3737c10683c48f'),
  address: {
    building: '1623',
    coord: [
```

```
> db.restaurants.find({ "address.coord": { $type: "double" } });
< {
    _id: ObjectId('66fd3b1e5c3737c10683c48d'),
    address: {
      building: '1007',
      coord: [
        -73.856077,
        40.848447
      ],
      street: 'Morris Park Ave',
      zipcode: '10462'
    },
    borough: 'Bronx',
    cuisine: 'Bakery',
    grades: [
      {
        date: 2014-03-03T00:00:00.000Z,
        grade: 'A',
        score: 2
      },
      {
        date: 2013-09-11T00:00:00.000Z,
        grade: 'A',
        score: 6
      }
    ],
    name: 'Morris Park Bake Shop',
```

```
> db.restaurants.find({ "address.coord": { $type: "double" } });
< {
    _id: ObjectId('66fd3b1e5c3737c10683c48d'),
    address: {
      building: '1007',
      coord: [
        -73.856077,
        40.848447
      ],
      street: 'Morris Park Ave',
      zipcode: '10462'
    },
    borough: 'Bronx',
    cuisine: 'Bakery',
    grades: [
      {
        date: 2014-03-03T00:00:00.000Z,
        grade: 'A',
        score: 2
      },
      {
        date: 2013-09-11T00:00:00.000Z,
        grade: 'A',
        score: 6
      }
    ],
    name: 'Morris Park Bake Shop',
```

>_MONGOSH

```
    street: 'Flatbush Ave',
    zipcode: '11225'
  },
  borough: 'Brooklyn',
  cuisine: 'Ice Cream',
  grades: [
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      date: 2014-04-01T00:00:00.000Z,
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    }
  ],
  name: 'Tasty Ice Cream',
  restaurant_id: '40361548'
}
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  address: {
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      40.579505
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    street: 'Stillwell Ave',
    zipcode: '11224'
  },
  borough: 'Brooklyn',
  cuisine: 'American',
  grades: [
```

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```
    street: 'Flatbush Ave',
    zipcode: '11225'
  },
  borough: 'Brooklyn',
  cuisine: 'Ice Cream',
  grades: [
    {
      date: 2014-04-01T00:00:00.000Z,
      grade: 'A',
      score: 8
    }
  ],
  name: 'Tasty Ice Cream',
  restaurant_id: '40361548'
}
{
  _id: ObjectId('66fd3b1e5c3737c10683c48f'),
  address: {
    building: '1623',
    coord: [
      -73.982419,
      40.579505
    ],
    street: 'Stillwell Ave',
    zipcode: '11224'
  },
  borough: 'Brooklyn',
  cuisine: 'American',
  grades: [
```

```
>_MONGOSH
  }
> db.restaurants.find({
        "grades": { $elemMatch: { "score": { $mod: [7, 0] } } }
    }, { restaurant_id: 1, name: 1, grades: 1 });
< {
    _id: ObjectId('66fd3b1e5c3737c10683c48f'),
    grades: [
      {
        date: 2014-05-02T00:00:00.000Z,
        grade: 'B',
        score: 14
      },
      {
        date: 2013-08-02T00:00:00.000Z,
        grade: 'A',
        score: 10
      }
    ],
    name: "Nathan's Famous",
    restaurant_id: '40356018'
  }
>    db.restaurants.find({
       name: { $regex: "mon", $options: "i" }
    }, { name: 1, borough: 1, "address.coord": 1, cuisine: 1 });
<
> db.restaurants.find({
       name: { $regex: "^Mad", $options: "i" }
    }, { name: 1, borough: 1, "address.coord": 1, cuisine: 1 });
<
>   db.movies.find({
```

>_MONGOSH


```
{
  _id: ObjectId('66fd49f15c3737c10683c4a1'),
  plot: 'A group of bandits stage a brazen train hold-up, only to find a determined posse hot on their heels.',
  genres: [
    'Short',
    'Western'
  ],
  runtime: 11,
  cast: [
    'A.C. Abadie',
    "Gilbert M. 'Broncho Billy' Anderson",
    'George Barnes'
  ],
  title: 'The Great Train Robbery',
  languages: [
    'English'
  ],
  released: 1893-12-01T00:00:00.000Z,
  directors: [
    'Edwin S. Porter'
  ],
  countries: [
    'USA'
  ],
  year: 1893,
  imdb: {
    rating: 7.4,
    votes: 9847,
```

>_MONGOSH

```
    });
{
  _id: ObjectId('573a1392f29313caabcd5e94'),
  plot: 'A story of survival on a desert island.',
  genres: [
    'Adventure',
    'Drama'
  ],
  runtime: 130,
  cast: [
    'Tom Hanks'
  ],
  title: 'Island Survival',
  languages: [
    'English'
  ],
  released: 2005-06-01T00:00:00.000Z,
  directors: [
    'Steven Spielberg'
  ],
  countries: [
    'USA'
  ],
  imdb: {
    rating: 9,
    votes: 14500,
    id: 987654
  }
```

```
db.movies.find({
    countries: "USA"
});
{
  _id: ObjectId('573a1390f29313caabcd42e8'),
  plot: 'A group of bandits stage a brazen train hold-up, only to find a determined posse hot on their heels.',
  genres: [
    'Short',
    'Western'
  ],
  runtime: 11,
  cast: [
    'A.C. Abadie',
    "Gilbert M. 'Broncho Billy' Anderson",
    'George Barnes'
  ],
  title: 'The Great Train Robbery',
  languages: [
    'English'
  ],
  released: 1903-12-01T00:00:00.000Z,
  directors: [
    'Edwin S. Porter'
  ],
  countries: [
```

```
>_MONGOSH
> db.movies.find({
    rated: "UNRATED"
  });
<
> db.movies.find({
    "imdb.votes": { $gt: 1000 }
  });
< {
    _id: ObjectId('573a1390f29313caabcd42e8'),
    plot: 'A group of bandits stage a brazen train hold-up, only to find a determined posse hot on their heels.',
    genres: [
      'Short',
      'Western'
    ],
    runtime: 11,
    cast: [
      'A.C. Abadie',
      "Gilbert M. 'Broncho Billy' Anderson",
      'George Barnes'
    ],
    title: 'The Great Train Robbery',
    languages: [
      'English'
    ],
    released: 1903-12-01T00:00:00.000Z,
    directors: [
      'Edwin S. Porter'
    ],
    countries: [
      'USA'
```

>_MONGOSH


```
{
  _id: ObjectId('573a1391f29313caabcd5c50'),
  plot: 'A woman is forced to confront her past when she meets a man claiming to be her lost brother.',
  genres: [
    'Drama'
  ],
  runtime: 100,
  cast: [
    'Saoirse Ronan',
    'Hugh Jackman'
  ],
  title: 'Lost Memories',
  languages: [
    'English',
    'French'
  ],
  released: 2012-04-12T00:00:00.000Z,
  directors: [
    'Jane Doe'
  ],
  countries: [
    'USA',
    'France'
  ],
  imdb: {
    rating: 8.2,
    votes: 20345,
    id: 123456
  }
```

```
>_MONGOSH
    }
  }
> db.movies.find({
     "imdb.rating": { $gt: 7 }
  });
< {
    _id: ObjectId('573a1390f29313caabcd42e8'),
    plot: 'A group of bandits stage a brazen train hold-up, only to find a determined posse hot on their heels.',
    genres: [
      'Short',
      'Western'
    ],
    runtime: 11,
    cast: [
      'A.C. Abadie',
      "Gilbert M. 'Broncho Billy' Anderson",
      'George Barnes'
    ],
    title: 'The Great Train Robbery',
    languages: [
      'English'
    ],
    released: 1903-12-01T00:00:00.000Z,
    directors: [
      'Edwin S. Porter'
    ],
    countries: [
      'USA'
    ],
```