

# Solution

## 1. Search movies by name

```
1 select * from couchbasedemo where movie="3-Idiots" ;
```

Execute Explain External Query Advisor ✓ success just now | elapsed: 4ms | execution: 4ms | docs: 1 | size: 176 bytes [format](#)

Query Results [🔗](#) [🔍](#) Table **JSON** Tree Plan Plan Text

```
1 {
2 {
3   "couchbasedemo": {
4     "_class": "com.example.au.couchbasedemo.model.Blogs",
5     "cityName": "Ranchi",
6     "movie": "3-Idiots"
7   }
8 }
9 ]
```

## 2. Search movies by cityname

```
1 select * from couchbasedemo where cityName="Kanpur" ;
```

Execute Explain External Query Advisor ✓ success just now | elapsed: 4ms | execution: 4ms | docs: 1 | size: 174 bytes [format](#)

Query Results [🔗](#) [🔍](#) Table **JSON** Tree Plan Plan Text

```
1 {
2 {
3   "couchbasedemo": {
4     "_class": "com.example.au.couchbasedemo.model.Blogs",
5     "cityName": "Kanpur",
6     "movie": "Lagaan"
7   }
8 }
9 ]
```

## 3. Insert movie

Query Editor < history (12/12) >

```
1 insert into couchbasedemo(key,value) values ("couchbasedemo",{ "cityName":"Bangalore","date":"2004-01-08T05:36:
```

Execute Explain External Query Advisor ✓ success just now | elapsed: 225.2ms | execution: 225.2ms | mutations: 1 [format](#)

```
1 select * from couchbasedemo;
```

Execute Explain External Query Advisor ✓ success just now | elapsed: 4ms | execution: 4ms | docs: 6 | size: 1061 bytes [format](#)

Query Results

Table JSON Tree Plan Plan Text

_class	cityName	date	id	movie
com.example.au.couchbasedemo.model.Blogs	Ranchi			3-Idiots
com.example.au.couchbasedemo.model.Blogs	Kanpur			Lagaan
com.example.au.couchbasedemo.model.Blogs	Lucknow			Sholay
com.example.au.couchbasedemo.model.Blogs	Kolkata			Jab We Met
com.example.au.couchbasedemo.model.Blogs	Delhi			Ki&Ka
	Bangalore	2004-01-08T05:36:25.187Z	106	Highway

#### 4. Delete a movie

```
1 delete from couchbasedemo where movie="Highway";
```

Execute Explain External Query Advisor ✓ success just now | elapsed: 5ms | execution: 5ms | mutations: 1 [format](#)

Query Results

Table JSON Tree Plan Plan Text

```
1 {
2   "results": []
3 }
```

Query Editor < history (3/15) >

```
1 select * from couchbasedemo;
```

Execute Explain External Query Advisor ✓ success 2 min ago | elapsed: 9ms | execution: 9ms | docs: 5 | size: 876 bytes [format](#)

Query Results


Table JSON Tree Plan Plan Text

_class	cityName	movie
com.example.au.couchbasedemo.model.Blogs	Ranchi	3-Idiots
com.example.au.couchbasedemo.model.Blogs	Kanpur	Lagaan
com.example.au.couchbasedemo.model.Blogs	Lucknow	Sholay
com.example.au.couchbasedemo.model.Blogs	Kolkata	Jab We Met
com.example.au.couchbasedemo.model.Blogs	Delhi	Ki&Ka

## 5. Player where goal is 10

```
1 select * from couchbasedemo;
```



[Execute](#) [Explain](#) External Query Advisor ✓ success just now | elapsed: 3.2ms | execution: 3.2

Query Results  [Table](#) [JSON](#)

_class	goals	playerName
com.example.au.couchbasedemo.model.Blogs	11	Lionel Messi
com.example.au.couchbasedemo.model.Blogs	20	Cristiano Ronaldo
com.example.au.couchbasedemo.model.Blogs	12	Franz Beckenbauer
com.example.au.couchbasedemo.model.Blogs	7	Fritz Walter
com.example.au.couchbasedemo.model.Blogs	2	Roberto Baggio
com.example.au.couchbasedemo.model.Blogs	10	Johan Cruyff

```
1 select playerName from couchbasedemo where goals="10";
```

[Execute](#) [Explain](#) External Query Advisor ✓ success just now | elapsed: 4.3ms | execution: 4.3ms | docs: 1 | size: 44 bytes [format](#)



Query Results   [Table](#) [JSON](#) [Tree](#) [Plan](#) [Plan Text](#)

```
1 {
2   {
3     "playerName": "Johan Cruyff"
4   }
5 }
```

## 6. Adding primary index

```
1 CREATE PRIMARY INDEX `id` ON `couchbasedemo` ;
```

[Execute](#) [Explain](#) External Query Advisor ✓ success just now | elapsed: 7.2

Query Results  

```
1 {
2   "results": []
3 }
```