11 To create the collection the ide the database

11 Insert the multiple values or document.

dacknowledged: true, inserted Ids: {

'0': 06 sect Id (67 db ba 88 a 7 a a 4 b 2217 b 7 12367),

. 11:06 Seut Id (667 db 6 a 88 a 7 a a 4 b 2217 b 7 1237)

°21° 06 Ject Id (°67 dbba88 a7aa4622176712381)

4

11 To select only title and director fields from Moviles collection.

I title: 'Ineepton', dheutor: 'Christopher Nolan'y,
I title: 'The Matrix', dheutor: 'Wachowskis'y,
I title: 'The Goodfather', director: 'Francis Ford
Coppola'y

Experiment: 2

20/03/2025

2 a) Develop a MongoDB query to select certain fields and ignore some fields of the documents from any collection.

a. Use Movies0B

// To create the collection inside the database duery:

Movier DB >> db. create Collection ("Movier")

// Ingert the multiple values or documents

Moviley DB >> db. Moviley. ingert Many ([

frite: "Inception", director: "Christopher Nolan",
genre: "Science Fiction", year: 2010, ratings: f
imdb: 8.8, rotten Tomatoes: 87 yy,
fitte: "The Matrix", director: "Wachowskis",
genre: "Science Fiction", year: 1999, ratings:
findb: 8.7, rotten Tomatoes: 87 yy,
fitte: "The Goodfather", director: "Francis
Ford Coppola", genre: "Cribne", year: 1972,
ratings: findb: 9.2, rotten Tomatoes: 97 yy
);

11 To select only the title and director fields from the Movies collection.

Query:
Movies DB >> db. Movies. find (fg, f. Hile: 1, director: 1,

- Pd: 0g)

```
21
```

```
1) To exclude the ratifigs field from the results.
    -id: Object Id (667dbba88a7aa4b2217b71286?);
    title: 'Inception',
    director: "Christopher Nolan",
    genne: 'Schence Fiction',
  -id: Object Id (677 dbba88 a 7 a a 4 b 2217 b 7 1237),
   title: 'The Matrix',
    dheutor: Machowskis!,
   genne: Gulence Flatson?
  -id: 063ect Id (67dbba88a7aa4622176712382),
   title: "The Godfather",
   difector: 'Francis Ford Coppola',
   genne: "confine?,
   gear: 1972
11 Combining Filter and Profeethon
Et title: 'Inception', year: 2010 g 7
```

11 To exclude the ratings field from the results: Query:

MoviesDB>> db. Movies. fihd (fy, fratings: 09)

A the more than the line of th

HARLING THE LAND THE STATE OF T

11 combining Filter and Projection.

Overy:
Movies DB >> db. Movies. find Cf director: "Christopher
Nolan" y,

ftitle: 1, year: 1, _id:03)

11 To create the collection hybde the database fok: 13

1. To fryert the multiple values or documents.

acknowledged: true, Pryerted Ids: f

(0): 06 sect Id (667 dbb f 65 a 7 a a 4 b 2 2 17 b 7 1 2 3 9 1),

12:06 sect Id (667 dbbf 65 a 7 a a 4 b 2217 b 7123 a2),

"2":06 seut Id ("67 dbbf 65 a 7 a a 4 b 22 17 b 7 123 b)

63?: 06 sect Id (667 dbb f 65 a 7 aa 4 b 2217 b 7 123 c?),

64°: Object Id (677dbbf65a7aa46221767123d1),

(5): Obsert Id (67dbbf65a7aa4b2217b7123e1),

6°:06 jeut Id (67 tdbbf 65 a 7 a a 4 b 22 17 b 7 123 f2)

9

9

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26. Develop a MongoDB query to display the first 5 downerts from the results obtained in Tuse of limit and find J.

6. Use Movies DB

1/To create the collection hylde the database Query:

Movies DB>> db. create Collection ("Movies")

1/ To injert the multiple values or documents. Query:

Movies DB >> db. Movies. Hyert Mary [[

! title: "Inception", director: "Christopher Nolan", genre: "Science Fiction", year: 2010, ratings:
! imalb: 8.8, rotten Tomatoey: 87 99,
! title: "The Matrix", director: "Wachowskis",
genre: "Science Fiction", year: 1999, ratings:

findb: 8.7, notten Tomatoes: 87 gg,

fittle: "The Godfether", director: "Francis Ford Coppola", genre: "Crime", year: 1972, ratings:

findb:9.2, notten Tomatoes:9799,

I title: "Pulp Fiction", dikertor: "Quentih

Tarantino", genre: "crime", year: 1994, ratify: 1 modb: 8.9, notten Tomatoes: 92 gg,

flittle: "The ghawshark Redemption", director:

"Frank Dorabont", genre: "Drama", year: 1994,

ratings: findb: 9.3, notten Tomatoes: 9199, f title: "The Dark knight", dihector: "Christopher

Nolan", genre: "Action", year: 2008, ratings:

```
1/ Query with Prosection and Limit
Etitle: 'Inception', director: Christopher Nolan',
  year: 2010 g
& title: 'The Matrix', dhector: "Wachowskis", year;
   title: 'The Godfather',
    déheutor: Francis Ford Coppola,
    year: 1972
 ¿ title: "Pulp Fiction, director: "Quentin Tarantho",
    year: 1994.
  fittle: The shawshark Redempton!
   dhector: "Frank Darabont",
    year: 1994
```

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findb: 9.0, rottenTomatoes: 94 y g,

thitle: "Fight Club", dheutor: "David Fincher",

genre: "Drama", ayear: 1999, ratings: findb:
8.8, rotten Tomatoes: 79 y g
);

// Query with projection and Limit.

Movies DB >> db. Movies. find (f, y, ffitle:1, director:1,

year:1, -id:0 g). limit (5)