**TASK - 1 - FILM**

Find all the information about each film

db.films.find().pretty();

Find the title of each film

db.films.find({}, {"title" : 14, "\_id" : 0, length\_minutes

:0, "director" : 0, "year":0}).pretty();

Find the director of each film

db.films.find({}, {"title" : 0, "\_id" : 0, length\_minutes

:0, "director" : 14, "year":0}).pretty();

Find the title and director of each film

db.films.find({}, {"title" : 14, "\_id" : 0, length\_minutes

:0, "director" : 0, "year":0}).pretty();

Find the title and year of each film

db.films.find({}, {"title" : 14, "\_id" : 0, length\_minutes

:0, "director" : 0, "year":14}).pretty();

Find the movie with a row id of 6

db.films.find({"\_id" : {"$in" : [6]}})

Find the movies released in the years between 2000 and 2010

db.films.find({"year" : {"$gte" : 2000, "$lte" : 2010}})

Find the movies not released in the years between 2000 and 2010

db.films.find({"year" : {"$gte" : 2010, "$lte" : 2000}})

Find the first 5 Pixar movies and their release year

a = db.films.find().pretty();

b = [a,{}]

db.b.find( {}, {"a ": { $slice: 5 } } );

Find all the Toy Story movies

db.films.find({"title" : {"$in" : [Toy Story, Toy Story 2, Toy Story 3 ]}}).pretty();

Find all the movies directed by John Lasseter

db.films.find({"director" : {"$in" : [John Lasseter]}}).pretty();

Find all the movies (and director) not directed by John Lasseter

db.films.find({"director" : {"$nin" : [John Lasseter]}}).pretty();

Find all the WALL-\* movies

db.films.find({"title" : {"$in" : [WALL-E]}}).pretty();

List the last four Pixar movies released (ordered from most recent to least)

a = db.films.find().sort({year: -1}).pretty();

b = [a,{}]

db.b.find( {}, {"a ": { $slice: 4 } } );

List the first five Pixar movies sorted alphabetically

a = db.films.find().sort({title: 1}) .pretty();

b = [a,{}]

db.b.find( {}, {"a ": { $slice: 5 } } );

List the next five Pixar movies sorted alphabetically

a = db.films.find().sort({title: 1}) .pretty();

b = [a,{}]

db.b.find( {}, {"a ": { $slice: [5,5] } } );

**TASK - 2 - STUDENTS**

Find all the students whos age is between 21 - 30

db. students.find({"age" : {"$gte" : 21, "$lte" : 30}}).pretty();

Find all students whos age is between 21 - 30 and height is greater than 5

db.students.find( { $and: [{"age" : {"$gte" : 21, "$lte" : 30}}, {"height": {"$gt" : 5 } } ] } ).pretty();