

ASSIGNMENT 4



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(1 mark) Create a collection called ‘games’. We’re going to put some games in it

db.createCollection("videogames");

(2 marks) Add 5 games to the database. Give each document the following properties:

name, genre, rating (out of 100) If you make some mistakes and want to clean it out, use remove()on your collection.

db.videogames.insertMany([

{ name: "Final Fantasy VII Remake", genre: "JRPG", rating: 91, achievements: true },

{ name: "Ghost of Tsushima", genre: "Action", rating: 94, achievements: false },

{ name: "Overwatch", genre: "Shooter", rating: 89, achievements: true },

{ name: "Sekiro: Shadows Die Twice", genre: "Action RPG", rating: 90, achievements: false },

{ name: "Dead by Daylight", genre: "Horror", rating: 82, hasAchievements: true }

]);

// Clear the collection in case of errors:

db.videogames.remove({});

1. (1 mark) Write a query that returns all the games.

db.videogames.find();

1. (2 marks) Write a query to find one of your games by name. Use the findOne method. Look how much nicer it’s formatted!

db.videogames.findOne({ name: "Ghost of Tsushima" });

1. (2 marks) Write a query that returns the 3 highest rated games.

db.videogames.find().sort({ rating: -1 }).limit(3);

1. (2 marks) Write a query that returns only games that have achievements. Not all of your games should have achievements, obviously.

db.videogames.find({ achievements: true });